Gold 2018

PROGRAM

July 15-18, 2018
Paris, France

SORBONNE UNIVERSITÉ
CRÉATEURS DE FUTURS DEPUIS 1257

Société Chimique de France

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Welcome to Gold 2018

On behalf of the organizing committee, we are happy to welcome you in Paris for this new International Gold conference. **Gold 2018** is the eighth edition of a series of international meetings organized every three years, following Gold 2015 in Cardiff, Gold 2012 in Tokyo, Gold 2009 in Heidelberg, etc. This year, we are delighted to receive our 400 participants on the renovated Pierre et Marie Curie Campus of Sorbonne Université, in the center of Paris. Over the last decades our university has been known as *Université Paris VI* then *Université Pierre et Marie Curie*, and since January 2018 it has merged with *Sorbonne-Paris IV* (Humanities) to reconnect with its historical root that were planted some 800 years earlier in this very same *Quartier Latin*. It has now recovered its former name of Sorbonne.

As a material, gold has been experiencing a strong scientific interest from the scientific community during these last decades. It started with the field of heterogeneous catalysis by gold nanoparticles, and it is now expanding to booming scientific areas such as homogeneous catalysis, plasmonics, materials sciences, biotechnology, nanotechnology and therapeutic applications. The science of gold has thus become a highly multidisciplinary field. With the suggestions and advices of our International Advisory Board and our National Scientific Committee we have invited 4 renowned plenary speakers and 39 keynote speakers who will provide the most recent highlights and achievements in these different topics. We also anticipate high-level scientific exchanges in view of the 300 abstracts that were selected to be presented as posters and oral contributions.

The organization of Gold 2018 is tightly linked to the vitality of the network *Or-Nano* (meaning Nano-Gold in French), which is a scientific network, supported by CNRS, active in France since 2006. We received help and support from the *Or-Nano* community to organize **Gold 2018** and they are well represented in the conference. We are also especially thankful to our various sponsors and exhibitors whether they are public institutions or private companies.

We wish you fruitful exchanges and an enjoyable time in Paris.

And do not miss the gala dinner that will take place in the privatized Museum of Fairgrounds Arts *(Musée des Arts forains)*, a truly magical place in Paris!

Catherine Louis & **Olivier Pluchery**
Chairs of GOLD 2018

SORBONNE UNIVERSITÉ

Gold 2018 Organization

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Program at a glance

	Sunday 15	Monday 16	Tuesday 17	Wedn. 18
MORNING	—	**Plenary sessions**	**Plenary sessions**	**Plenary sessions**
	—	**Parallel sessions**	**Parallel sessions**	**Parallel sessions**
	—	*LUNCH*	*LUNCH*	*LUNCH*
AFTERNOON	**Horiba Optical School** *REGISTRATION*	**Parallel sessions**	**Parallel sessions**	**Parallel sessions**
	OPENING			*CONCLUSION*
	David Thompson Memorial Lecture	**Poster session** *WINE & CHEESE COCKTAIL*		—
EVENING	*WELCOME RECEPTION*	—	*CONFERENCE BANQUET*	—

Social events

Sunday 15 July 2018

> 18:00 - 20:00 *WELCOME RECEPTION*

Campus Pierre et Marie Curie / **Patio 44 - 55**

Monday 16 July 2018

> 17:30 - 19:00 *POSTER SESSION WINE & CHEESE*

sponsored by JM Johnson Matthey Inspiring science, enhancing life

Campus Pierre et Marie Curie / **Patio 44 - 55**

Tuesday 17 July 2018

> 19:00 - 22:30 *CONFERENCE BANQUET*

Pavillons de Bercy / Musée des Arts Forains / 10 rue Lheureux - 75012 PARIS

http://arts-forains.com/

Participation in this event requires registration (additional fees)

Access to Pavillons de Bercy

DISABLED ACCESS

BY METRO
Line 14: Station Cour St Emilion

WALKING (it will take you 40 min)
Walking from Campus de Jussieu to Pavillons de Bercy, following the river Seine
Quai St-Bernard > Quai d'Austerlitz > Quai François Mauriac > Pont de Tolbiac > Quai de Bercy > 10 rue Lheureux

Program

> Sunday 15 July

> 15:30 - 19:00 *REGISTRATION*

> 16:45 - 17:00 *OPENING SESSION*

> 17:00 - 18:00 *DAVID THOMPSON MEMORIAL LECTURE - AUDITORIUM*

Georges Calas - Sorbonne Université, Paris

From gold nuggets to «invisible» gold: how the coordination chemistry of gold demonstrates its diversity in geological systems

> 18:00 - 20:00 *WELCOME RECEPTION*

HORIBA OPTICAL SCHOOL

HORIBA Optical School on Molecular Plasmonics

> 14:00 - 16:30

Presentations include:

> 14:00 - 14:30 **Dr. Ramdane BENFERHAT**

Overview of the HORIBA Scientific technology for nano and biotechnologies

> 14:30 - 15:15 **Dr. Chiraz FRYDMAN**

Unique label-free biomolecular interaction platform for screening and crude sample analysis

> 15:30 - 16:30 **Dr. Marc CHAIGNEAU**

Tip-Enhanced Optical Spectroscopies: Correlated Nanoscale Raman, Photoluminescence and SPM techniques

> Monday 16 July

08:45	***OPENING SESSION*** *- Auditorium*				
09:00	**PLENARY #1** *- Auditorium*				
09:15	**Antonio M. ECHAVARREN**, ICIQ, Barcelona Institute of Science and Technology, Spain				
09:30	*Gold - complexes for the Synthesis of Bioactive Compounds*				
09:45					
10:00	*COFFEE BREAK*				
10:15	***Auditorium***	***Amphi 55B***	***Amphi 45B***	***Amphi 44***	***Amphi 55A***
10:30	S1 KN1 Garcia	S2 KN1 Brongersma	S3 KN1 Stellaci	S4 O1 Van der Hoeven	S5 KN1 Bandini
10:45				S4 O2 Pouget	
11:00	S1 O1 Shahin	S2 O1 Krahne	S3 O1 Le Guevel	S4 O3 Viau	S5 O1 Shin
11:15	S1 O2 Murayama	S2 O2 Do	S3 O2 Balfourier	S4 O4 Schulz	S5 O2 Voituriez
11:30	S1 O3 Shirman	S2 O3 Laurent	S3 O3 Pissuwan	S4 KN1 Pansu	S5 O3 Del Rio
11:45	S1 O4 Atwi	S2 O4 Mendoza	S3 O4 Fujita		S5 O4 Aikonen
12:00	S1 O5 Kameoka	S2 O5 Watkins	S3 KN2 Auffan	S4 O5 Hamon	S5 O5 Hererra
12:15	S1 O6 Fajerwerg			S4 O6 Kawai	S5 O6 Vayer
12:30	*LUNCH*				
12:45					
13:00	*+ Sponsors presentations - Auditorium (Horiba / Coventya / Johnson Matthey)*				
13:15					
13:30					
13:45	S1 KN2 Behm	S2 KN2 Polman	S3 KN3 Jiang	S4 O7 Kuwabata	S5 KN2 Michelet
14:00				S4 O8 Nadal	
14:15	S1 O7 Redekop	S2 O6 Schmidt	S3 O5 Levy	S4 KN2 Amendola	S5 O7 Hashmi
14:30	S1 O8 Shi	S2 O7 Mitiche	S3 O6 Chevance		S5 O8 Guinchard
14:45	S1 O9 Chmielewski	S2 O8 Edely	S3 O7 Boisselier	S4 O9 Nguyen	S5 O9 Pertschi
15:00	S1 O10 Saint-Lager	S2 O9 Roubaud	S3 O8 Bouraleh Hoch	S4 O10 Patanen	S5 O10 Pei
15:15	S1 O11 Van der Hoeven	S2 O10 Moreaud	S3 O9 Boudier	S4 O11 Cap	S5 O11 Chan
15:30	*COFFEE BREAK*				
15:45					
16:00	S1 O12 Shi	S2 KN3 Giessen	S3 KN4 Wilhelm	S4 O12 De Fazio	S5 KN3 Zhang
16:15	S1 O13 Guesmi			S4 O13 Weichelt	
16:30	S1 O14 Fu	S2 O11 David	S3 O10 Witthoft	S4 KN3 Gang	S5 O12 Marinetti
16:45	S1 O15 Dawson	S2 O12 Dridi	S3 O11 Mohamed Said		S5 O13 Harper
17:00	S1 O16 Li	S2 O13 Sylgacheva	S3 O12 Plan	S4 O14 Bridonneau	S5 O14 Benaissa
17:15	S1 O17 Wolski		S3 O13 Campu	S4 O15 Lermusiaux	S5 O15 Bibal
17:30					S5 O16 Russell
17:45	***POSTER SESSION*** *- Patio*				
18:00	*WINE & CHEESE*				
18:15					
18:30	*Sponsored by* JM Johnson Matthey				
18:45					

S1 Catalysis
S2 Plasmonics
S3 Biofunctionalization and medical applications
S4 Nanoparticles synthesis and self-assembly
S5 Molecular gold complexes

> Tuesday 17 July

08:45	**PLENARY #2** - *Auditorium*				
09:00	**Bert CHANDLER,** Trinity University, San Antonio TX, United States				
09:15	*O_2 activation over Au: Three decades of lessons from CO oxidation and PrOx*				
09:30					
09:45	*COFFEE BREAK*				
10:00	***Auditorium***	***Amphi 55B***	***Amphi 45B***	***Amphi 44***	***Amphi 55A***
10:15	S1 O18 Caps	S2 KN4 Ren	S3 KN5 Kanaras	S4 O16 Ouvrard	S5 KN4 Bourissou
10:30	S1 O19 Carter			S4 O17 Désert	
10:45	S1 O20 Shi	S2 O14 Pastoriza-Santos	S3 O14 Vial	S4 KN4 Liu	S5 O17 Schwerdtfeger
11:00	S1 O21 Zanella	S2 O15 Funes-Hernando	S3 O15 Zhang		S5 O18 Foley
11:15	S1 O22 Nasrallah	S2 O16 C. Humbert	S3 O16 Lequeux	S4 O18 Soldo-Olivier	S5 O19 Gatineau
11:30	S1 O23 Gao	S2 O17 B. Humbert	S3 O17 Buhot	S4 O19 Alvarez Fernandez	S5 O20 Rigoulet
11:45	S1 O24 Lin	S2 O18 Bonhomeau	S3 O18 Stebunov	S4 O20 Mayevsky	S5 O21 Rodriguez
12:00	S1 O25 Li	S2 O19 Tempez	S3 O19 Sasaki	S4 O21 Kherbouche	S5 O22 Tilset
12:15	*LUNCH*				
12:30	*+ Sponsors presentations - Auditorium (Anton Paar / IMRA)*				
12:45					
13:00					
13:15					
13:30					
13:45	S1 KN3 Perez-Ramirez	S2 KN5 Quidant	S3 KN6 Popovtzer	S4 O22 Hippolyte	S6 KN1 Scheer
14:00				S4 O23 Boubekeur	
14:15	S1 O26 de Jongh	S2 O20 Coursault	S3 O20 Rehbock	S4 O24 Slejko	S6 O1 Leary
14:30	S1 O27 Fiorio	S2 O21 Hübner	S3 O21 Taitt	S4 O25 Many	S6 O2 Alchaar
14:45	S1 O28 Sakurai	S2 O22 Zoubir	S3 O22 Fortin	S4 O26 Martino	S6 O3 Krauss
15:00	S1 O29 Manzoli	S2 O23 Perez-Juste	S3 O23 Brun	S4 O27 Ben Haddada	S6 KN2 Calame
15:15	S1 O30 Rossi	S2 O24 Hornebecq	S3 O24 Jaigude		
15:30	*COFFEE BREAK*				
15:45					
16:00	S1 O31 Qi	S2 KN6 Del Fatti		S4 KN5 Pasquato	S6 O4 Touzalin
16:15	S1 O32 Tetsuya				S6 O5 Lyalin
16:30	S1 O33 Ishida	S2 O25 Goodson		S4 O28 Fenouillet	S6 KN3 Koper
16:45	S1 KN4 Remita	S2 O26 Jonin		S4 O29 Majsterkiewic	
17:00		S2 O27 Burgin		S4 O30 Martrou	S6 O6 Napporn
17:15	S1 O34 Han	S2 O28 Portales			

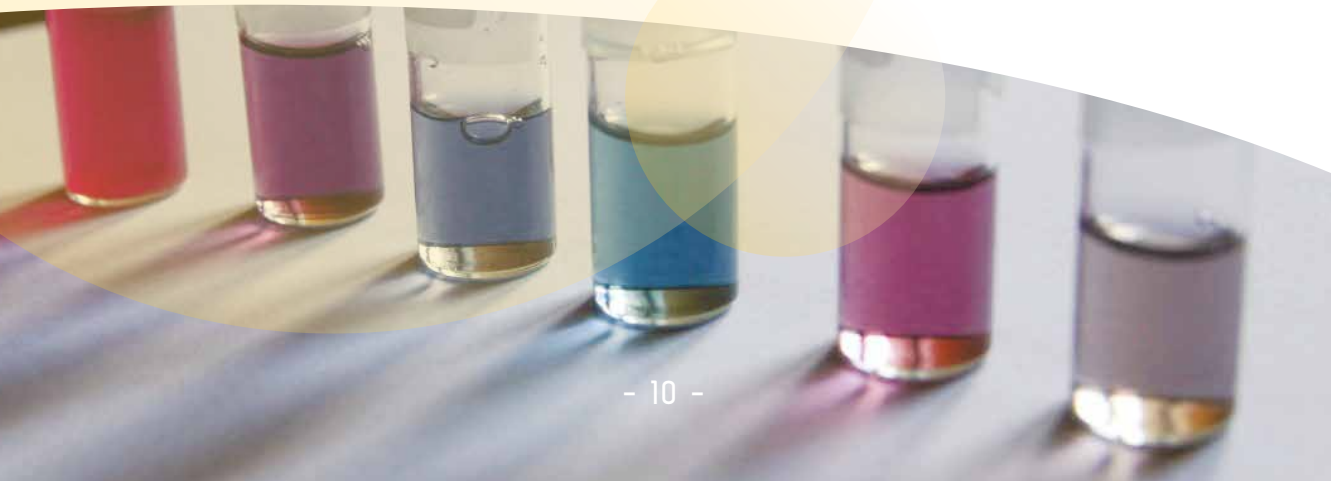
19:00 - 22:30 / *CONFERENCE BANQUET*
PAVILLONS DE BERCY

- S1 Catalysis
- S2 Plasmonics
- S3 Biofunctionalization and medical applications
- S4 Nanoparticles synthesis and self-assembly
- S5 Molecular gold complexes
- S6 Nanoelectronics, optoelectronics and electrochemistry

> Wednesday 18 July

08:45	**PLENARY #3** - *Auditorium*				
09:00	**Naomi J. HALAS,** Rice University, Houston TX, United States				
09:15	*From Faraday to tomorrow: light-based applications for gold nanoparticles*				
09:30					
09:45	*COFFEE BREAK*				
10:00	***Auditorium***	***Amphi 55B***	***Amphi 44***	***Amphi 55A***	***Amphi 45B***
10:15	S1 O35 Lin	S2 KN7 Baffou	S4 KN6 Puntes	S5 KN5 Che	
10:30	S1 O36 Keller				
10:45	S1 O37 de Masi	S2 O29 Murphy	S4 O31 Bastus	S5 O23 Leznoff	S7 KN1 Keel
11:00	S1 O38 Barbosa	S2 O30 Palpant	S4 O32 Liz-Marzan	S5 O24 Romanov	
11:15	S1 O39 Rodio	S2 O31 Liu	S4 O33 Testard	S5 O25 Hammoutene	S7 O1 Tokunaga
11:30	S1 O40 Xiao	S2 O32 Carn	S4 O34 Chateau	S5 O26 Lima	S7 O2 Perez-Pariente
11:45	S1 KN5 Wong	S2 O33 Federici	S4 O35 Meena	S5 O27 Demessence	S7 O3 Mathis
12:00		S2 O34 Glais	S4 O36 Treguer	S5 O28 Wong	S7 O4 Johnson
12:15	*LUNCH*				
12:30					
12:45					
13:00					
13:15					
13:30					
13:45	S1 O41 Mimura	S2 KN8 Wenger	S4 O37 Dulong	S5 KN6 Gimeno	S6 KN4 Climent Paya
14:00	S1 O42 Prati		S4 O38 Konishi		
14:15	S1 O43 Gu	S2 O35 Bohlen	S4 KN7 Negishi	S5 O29 Lewe	S6 O7 Mayet
14:30	S1 O44 Donoeva	S2 O36 Markesevic		S5 O30 Bertrand	S6 O8 Holade
14:45	S1 O45 Agarwal	S2 O37 Wang	S4 O39 Liu	S5 O31 Witzel	S6 O9 Lojou
15:00	S1 O46 Pattisson	S2 O38 Nguyen	S4 O40 Hamilton	S5 O32 Xia	S6 O10 Boitel-Aullen
15:15	S1 O47 Taketoshi	S2 O39 Garcia-Marin	S4 O41 Nikitina	S5 KN7 Barriault	S6 KN5 Lee
15:30	S1 O48 Nishigaki				
15:45	***CLOSING CEREMONY*** - *Auditorium*				

S1 Catalysis
S2 Plasmonics
S4 Nanoparticles synthesis and self-assembly
S5 Molecular gold complexes
S6 Nanoelectronics, optoelectronics and electrochemistry
S7 (Un)expected uses of gold



Oral Presentations

1. Catalysis

Session 1.1 > Catalyst design > Chairman: Valerie Caps

S1 KN1 Gold nanoparticles Encapsulated within Metal Organic Frameworks as catalysts
Hermenegildo GARCÍA *(Universidad Politécnica de Valencia, Spain)*

S1 O1 Elaboration of composite materials from gold thiolate clusters and MOFs as catalysts for valorization of hexoses - **Zahraa SHAHIN** *(Claude Bernard University - Lyon1 - France)*, Rodica CHIRIAC, Franck RATABOUL, Aude DEMESSENCE

S1 O2 Polyoxometalate-Supported Gold Nanoparticulate Catalysts Prepared by sol immobilization method and their catalytic activity - **Toru MURAYAMA** *(Research Center for Gold Chemistry, Tokyo Metropolitan University)*, Takuya Yoshida, Mingyue Lin, Norihito Sakaguchi, Tamao Ishida, Masatake Haruta

S1 O3 Modular Design of Advanced Catalysts Using Au-based Bimetallic Nanoparticles - **Tanya SHIRMAN** *(Harvard University)*, J. Lattimer, M. Luneau, C. M. Friend, J. Aizenberg

S1 O4 Stable Au-Ag alloy nanoparticles encapsulated in single crystal multi-hollow zeolites: application to CO removal at low temperature studied by operando IR spectroscopy - **Ranin ATWI** *(Univ. Lyon - CNRS)*, F. Meunier, A.Tuel, M. Maffre, L. Burel

S1 O5 Highly catalytic performance of porous gold with twin boundary defects - **Satoshi KAMEOKA** *(Tohoku University)*, M. Krajcí, A.P. Tsai

S1 O6 Controlled growth of high-density nanoparticles on zinc oxide thin films by photo-deposition - **Katia FAJERWERG** *(Laboratoire de Chimie de Coordination, CNRS University of Toulouse)*, J.Cure, H. Assi, K. Cocq, L. Marin, P. Fau, E. Bêche, Y. Chabal, A. Esteves, C. Rossi

Session 1.2 > Structure and interface characterisation under operating conditions > Chairman: Peter Bishop

S1 KN2 More Insights into Fundamental Aspects of Au Catalysis: From Idealized In Situ Characterization to Operando Spectroscopy - **R. Jürgen BEHM** *(Ulm University, Germany)*

S1 O7 Catalyst Design: Scaling from UHV Models to Operating Conditions - **Evgeniy REDEKOP** *(University of Oslo)*, R.J. Madix, Christian Reece

S1 O8 Atomic Observation of Praseodymia-Titania Mixed Oxides Functionalized Nanoporous Gold as Stable Catalysts for Water-Gas Shift Reaction - **Shi JUNJIE** *(Yantai University)*, Caixia Qi, Christoph Mahr, Andreas Rosenauer, Marcus Bäumer, Arne Wittstock

S1 O9 In-situ E-TEM study of the morphology of TiO2 supported gold nanocatalysts under oxidizing (O2) and reducing (H2) atmosphere - **Adrian CHMIELEWSKI** *(Laboratoire Matériaux et Phénomènes Quantiques - Université Paris Diderot)*, Jaysen Nelayah, Hélène Prunier, Catherine Louis, Laurent Delannoy, Pavel Afanasiev, Damien Alloyeau, Guillaume Wang, Christian Ricolleau

S1 O10 Pd and CO oxidation on Au30Pd70(110) upon O2 and CO elevated pressure - **Marie-Claire SAINT-LAGER** *(Institut Néel - CNRS)*, Marie-Angélique Languille, Francisco J.Cadete Santos Aires, Pierre Dolle, Stéphanie Garaudée, Aude Bailly, Eric Ehret, Odile Robach

S1 O11 In situ observation of metal redistribution in gold-silver nanorods - **Jessi VAN DER HOEVEN** *(Debye Institute for Nanomaterials Science, Utrecht University)*, T.A.J. Welling, T.A.G. da Silva, J.E. van den Reijen, X. Carrier, C. Louis, A. van Blaaderen, P.E. de Jongh

S1 O12 Catalytic removal of formaldehyde at room temperature over supported gold catalysts - **Shi CHUAN** *(Dalian University of Technology)*, Bingbing Chen

S1 O13 Toward an Accurate Theoretical Description of Gold-based Nanocatalysts Under Reactive Media - **Hazar GUESMI** *(Institut Charles Gerhardt - CNRS/ENSCM - UMR5253-Equipe MACS)*, M. Dhifallah, I-C. Oguz, J. Meng, B. Zhu

S1 O14 Role of Water on CO oxidation over Boron-Nitrogen sheet supported Gold Clusters (Au9) - A First Principles study - **Fu SHI-EN** *(National Taiwan University of Science and Technology)*, Jyh - Chiang Jiang

S1 O15 In situ study of single-site gold catalyst during acetylene hydrochlorination using synchrotron radiation - **Simon DAWSON** *(Cardiff Catalysis Institute, Cardiff University)*, G. Malta, S.J. Freakley, S.A. Kondrat, E. Gibson, P. Wells, C.J. Kiely, G.J. Hutchings

S1 O16 Stability and Reactivity of Gold Single-Atom Catalyst (SAC) - **Li JUN** *(Department of Chemistry, Tsinghua University)*

S1 O17 The influence of gold and copper on activity and selectivity of Nb2O5 in photocatalytic methanol oxidation - **Lukasz WOLSKI** *(Adam Mickiewicz University in Poznań)*, M. El-Roz, M. Daturi, M. Ziolek

Session 1.3 > Gas phase oxidation > Chairman: Graham Hutchings

S1 O18 Hydrogen-promoted CO oxidation over hydrophobic Au/FLG catalysts - **Valérie CAPS** *(ICPEES - CNRS UMR 7515, University of Strasbourg)*, F. Vigneron, A. Rach, J.-M. Nhut, A. Piquet, C. Pham-Huu

S1 O19 The Activation and Deactivation of Au/CeZrO4 in the Low-Temperature Water-Gas Shift Reaction - **James CARTER** *(Cardiff University)*, Xi Liu, Qian He, Sultan Althahban, Ewa Nowicka, Simon J. Freakley, Liwei Niu, David J. Morgan, Yongwang Li, J. W. (Hans) Niemantsverdriet, Stanislaw Golunski, Christopher J. Kiely, Graham J. Hutchings

S1 O20 Atomic-layered Au clusters on α-MoC as catalysts for the low-temperature water-gas shift reaction - **Shi CHUAN** *(Dalian University of Technology)*, Xiao Zhang

S1 O21 Synergetic Effect of Bimetallic Au-Ru/TiO2 Catalysts for CO and Methanol Complete Oxidation - **Rodolfo ZANELLA** *(Center for Applied Sciences and Technological Development-UNAM)*, L. Calzada, S. Collins, L. Delannoy, C. Louis, Ch W. Han, V. Ortalan

S1 O22 Au-Pd Alloy Catalysts for the Oxidation of Organic Compounds - **Ali NASRALLAH** *(Cardiff University)*, David Willock, Richard Catlow

S1 O23 Gas-phase oxidative dehydrogenation of cyclohexanol to cyclohexanone over Au/MgCuCr2O4 catalyst - **Yanan GAO** *(Eindhoven University of Technology)*, Emiel. J. M. Hensen

S1 O24 Efficient Elimination of Ammonia over Niobium Oxide Supported Gold Catalyst at Room Temperature - **Mingyue LIN** *(Tokyo Metropolitan University)*, Baoxiang An, Nao Niimi, Yohei Jikihara, Tsuruo Nakayama, Tamao Ishida, Masatake Haruta, Toru Murayama

S1 O25 Non-Metallic Gold Clusters for Oxygen Activation and Aerobic Oxidation - **Gao LI** *(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, CAS, Dalian, China)*, Z . Li

Session 1.4 > Hydrogenation > Chairmen: Laura Prati / Hazar Guesmi

S1 KN3 Nanostructured Catalysts for Selective Hydrogenation and Hydrochlorination: Where does Gold Stand? **Javier PÉREZ-RAMIREZ** *(ETH Zurich, Switzerland)*

S1 O26 Superior Stability of Au/SiO2 Compared to Au/TiO2 Catalysts for the Selective Hydrogenation of Butadiene - **Petra DE JONGH** *(Inorganic Chemistry and Catalysis, Debye Institute for Nanomaterials Science, Utrecht University)*, N. Masoud, L. Delannoy, C. Louis, P. E. de Jongh

S1 O27 Design of gold nanoparticle catalysts for chemoselective hydrogenations: N-doped carbon as support - **Jhonatan FIORIO** *(IQ-USP)*, R.V. Gonçalves, E. Teixeira-Neto, N. Lopez, L.M. Rossi

S1 O28 Size Effect on Reduction of Aryl Chlorides with PVP-stabilized Gold/Palladium Bimetallic Nanoclusters Catalyst - **Hidehiro SAKURAI** *(Division of Applied Chemistry, Graduate School of Engineering, Osaka University)*, S. Mouri, S. Haesuwannakij

S1 O29 From biomass to value-added chemicals: microwave-assisted levulinic acid conversion over gold catalysts - **Maela MANZOLI** *(Department of Drug Science and Technology, University of Turin)*, S. Tabasso, G. Grillo, F. Bucciol, F. Menegazzo, M. Signoretto and G. Cravotto

S1 O30 Hydrogenation on gold catalysts made easy: activation of H2 via frustrated Lewis pairs - **Liane ROSSI** *(University of São Paulo)*, N. López, R.J. M. Silva, J.L. Fiorio

S1 O31 Catalytic Cracking of Light Diesel Over Au/ZSM-5 : An Application of Gold Catalysts Under Severe Conditions - **Caixia QI** *(Yantai University)*, Yunxia Wang, Libo Sun, Miao Zhang

S1 O32 Supported Gold-Palladium Alloy Catalysts for Highly Efficient Hydrogen Storage System Based on Ammonium Bicarbonate/Formate Redox Equilibrium - **Shishido TETSUYA** *(Department of Applied Chemistry, Graduate School of Urban Environmental Sciences, Tokyo Metropolitan University)*, K. Nakajima, H. Miura, T. Shishido

S1 O33 Gold Nanoparticles as Soft Lewis Acid Catalysts for Transfer Vinylation - **Tamao ISHIDA** *(Tokyo Metropolitan University)*, R. Sodenaga, T. Honma, M. Haruta

Session 1.5 > Photocatalysis / Plasmonics assisted catalysis > Chairman: Petra de Jongh

S1 KN4 Surface Modification of TiO 2 with Au Nanoparticles for Efficient Water Treatment and Hydrogen Generation under Visible Light - **Hynd REMITA** *(Université Paris-Sud, France)*

S1 O34 Assembling Ni2+ complexes and gold nanoparticles on γ-Al2O3 as visible light photocatalysts for hydrogenolysis of lignin model compounds - **Pengfei HAN** *(Queensland University of Technology)*, Sarina Sarina, HuaiYong Zhu

S1 O35 Synergistic Effect of Gold Plasmonic Resonance and Solid Acid in Photocatalysis - **Feng LIN** *(Gold Catalysis Research Center, State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences)*, Masatake Haruta, Jiahui Huang

S1 O36 Visible light photocatalytic H2 production from water over optimized Au/TiO2-gC3N4 nanocomposites - **Valérie KELLER** *(ICPEES (CNRS UMR 7515, University of Strasbourg))*, C. Marchal, T. Cottineau, M.G. Méndez-Medrano, C. Colbeau-Justin, V. Caps

S1 O37 Bimetallic Gold-Ruthenium nanoparticles for catalysis - **Déborah DE MASI** *(UMR 5215 - LPCNO)*, J. Albero, L-M. Lacroix, P.F. Fazzini, H. García, B. Chaudret

S1 O38 Harvesting Gold Plasmonic Properties to achieve Selective Hydrogenations under Visible-Light in Au@AgPt Nanorattles - **Eduardo BARBOSA** *(Departamento de Química Fundamental, Instituto de Química, Universidade de São Paulo)*, Jhon QUIROZ, Thaylan P. Araujo, Jhonatan L. Fiorio, Liane M. Rossi, Pedro H. C. Camargo

S1 O39 Gold nanoparticles: impact of surface chemistry on photocatalytic activity - **Marina RODIO** *(Hamburg Centre for Ultrafast Imaging (CUI); Physical Chemistry Department, Hamburg University)*, F. Schulz, E. Minutella, R. Intartaglia, H. Lange

S1 O40 Plasmonic Super Absorber of Light for Photocatalysis - **Qi XIAO** *(CSIRO Manufacturing)*, T. U. Connell, A.S.R. Chesman, D. E. Gómez

Session 1.6 > Liquid phase oxidation > Chairman: Jürgen Behm

S1 KN5 Nanostructural Features that Govern Effective Oxidation Reactions in Liquid Phase with Gold - based Catalysts - **Michael WONG** *(Rice University, United States)*

S1 O41 Gold Catalysts for Liquid-Phase Flow Reactor: Catalytic Oxidation of Glycerol into Functional Molecules - **Naoki MIMURA** *(National Institute of Advanced Industrial Science and Technology (AIST))*, N. Muramatsu, T. Nagase, N. Hiyoshi, O. Sato, A. Yamaguchi

S1 O42 Gold-silver catalysts: effect of catalyst structure on the selectivity of glycerol oxidation - **Laura PRATI** *(Università Degli Studi di Milano)*, A. Jouve, M. Stucchi, S. Cattaneo, A. Villa, C. Evangelisti, A. Beck, R. Zanella

S1 O43 Density functional theory on ethanol oxidation catalyzed by gold: unraveling the role of base - **Qingyi GU** *(Laboratoire de Chimie, ENS de LYON)*, P. Sautet, C. Michel

S1 O44 Strong effect of the surface properties of carbon supports in Au-catalysed reactions - **Baira DONOEVA** *(Utrecht University)*, N. Masoud, P. E. de Jongh

S1 O45 Selective oxidation of methane to methanol with molecular oxygen using aqueous Au-Pd colloids at low temperature - **Nishtha AGARWAL** *(Cardiff Catalysis Institute, Cardiff University)*, S. Freakley, Sultan M. Althahban, C.J. Kiely, G.J. Hutchings

S1 O46 Supported gold catalysts for the low temperature solvent-free oxidation of cyclohexene to cyclohexanediol using molecular oxygen as oxidant - **Samuel PATTISSON** *(Cardiff University)*, O. Rogers, J. Macginley, K. Whiston, G. J. Hutchings, S. H. Taylor

S1 O47 Oxidative Esterification of Aliphatic Aldehydes by Gold Nanoparticle Catalysts in a Continuous Flow Reactor - **Ayako TAKETOSHI** *(Research Center for Gold Chemistry, Tokyo Metropolitan University)*, T. Ishida, T. Murayama, M. Haruta

S1 O48 Redox Reaction of NAD+/NADH by Au Cluster Catalysts Related to the Coenzyme Regeneration for Dehydrogenases - **Jun-Ichi NISHIGAKI** *(Research Center for Gold Chemistry, Graduate School of Urban Environmental Sciences, Tokyo Metropolitan University)*, T. Ishida, M. Haruta

2. Plasmonics

Session 2.1 > Active Plasmonics > Chairman: Olivier Pluchery

S2 KN1 EELS studies of active plasmonic devices - **Mark BRONGERSMA** *(Stanford University, United States)*

S2 O1 Planar Au meta-surfaces as broadband radial polarizers - **Roman KRAHNE** *(Istituto Italiano di Tecnologia)*, Mario Miscuglio, Angel Fernandez Bravo, Peter J. Schuck

S2 O2 Reversal of anisotropic optical properties of a gold nanoparticle/smectic liquid crystal composite film through heating - **Syou-P'heng DO** *(Institut des NanoSciences de Paris)*, S. Shahini, D. Coursault, B. Gallas, E. Lhuillier, S. Royer, B. Pansu, D. Constantin, D. Babonneau, M. Wojcik, E. Lacaze

S2 O3 Cross-talking interaction in plasmonic/photochromic nanomaterials - **Guillaume LAURENT** *(PPSM Lab, ENS Paris-Saclay)*, E. Barrez, C. Jégat, K. Nakatani, R. Métivier

S2 O4 RB@Au/mSiO2 core-shell nanobipyramids for the enhanced-production of singlet oxygen - **Carlos MENDOZA** *(Université de Liège)*, A. Désert, D. Château, F. Lerouge, S. Parola, B. Heinrichs

S2 O5 Dichroic surface plasmons in Au and Au-Pd nanoparticles: reactivity towards gas molecules and application to high-performance H2 sensing - **William L. WATKINS** *(Institut des NanoSciences de Paris, Sorbonne Université, CNRS)*, Yves Borensztein

Session 2.2 > Nanophotonics & Nonlinear Optics 1 > Chairman: Pierre-François Brevet

S2 KN2 Cathodoluminescence nanoscopy of Au nanostructures - **Albert POLMAN** *(AMOLF, Center for Nanophotonics, Netherlands)*

S2 O6 Plasmonic waveguide self-assembly on DNA origami - **Thorsten-Lars SCHMIDT** *(Center for Advancing Electronics Dresden (cfaed) / TU Dresden)*, F. N. Gür, C.P.T. McPolin, F.W. Schwarz, J. Ye, S. Diez, S. Raza, M. Mayer, D.J. Roth, A.M. Steiner, M. Löffler, A. Fery, M.L. Brongersma, A.V. Zayats, T.A. F. König

S2 O7 Near-Field Localization of Au Nano-objects: PEEM and Group Theory Description - **Sarra MITICHE** *(CEA Saclay - Université Paris Saclay)*, Sylvie Marguet, Fabrice Charra, Ludovic Douillard

S2 O8 Multistructured metallic substrate as a new SERS platform : experimental studies and electromagnetic modeling of localized plasmon surface - **Mathieu EDELY** *(Institut des Molécules et Matériaux du Mans - UMR CNRS 6283 - Le Mans Université)*, N. Delorme, G. Louarn, L. Douillard, J-F. Bardeau

S2 O9 Local optimization of nonlinear luminescence in disordered gold metasurfaces by far-field wavefront control - **Gauthier ROUBAUD** *(Institut Langevin)*, P. Bondareff, S. Bidault, S. Gigan, S. Grésillon

S2 O10 Engineered protein-driven synthesis and assembly of hybrid nanoplasmonic superstructures - **Laureen MOREAUD** *(CEMES-CNRS)*, Janak Prasad, Upkar Kumar, Sebastien Viollet, Agathe Urvoas, Cécile Marcelot, Marie Valerio-Lepiniec, Philippe Minard, Erik Dujardin

Session 2.3 > Nanophotonics & Nonlinear Optics 2 > Chairman: Albert Polman

S2 KN3 Watching plasmons spin on atomically flat single crystalline gold - **Harald GIESSEN** *(University of Stuttgart, Germany)*

S2 O11 Gold films with subwavelength holes: Optical properties in the scope of nonlocal charge carriers - **Christin DAVID** *(IMDEA Nanoscience)*, Johan Christensen, N.A. Mortensen

S2 O12 Nanograting for lasing action - **Montacer DRIDI** *(IFREMER)*, Florent Colas, Chantal Compère

S2 O13 Gold nanoantennas for optical excitation of spin waves - **Daria SYLGACHEVA** *(Lomonosov Moscow State University)*, M.A. Kozhaev, A.I. Chernov, V.R. Gaidamachenko, S.A. Dagesyan, A.N. Kalish, V.I. Belotelov

Session 2.4 > Raman Scattering > Chairman: Emmanuel Maisonhaute

S2 KN4 Gold-a Core Player in Plasmon-Enhanced Raman Spectroscopy - **Bin REN** *(Xiamen University, China)*

S2 O14 Plasmonic nanorattles via galvanic replacement-seeded growth method: Towards a Universal SERS Tag - **Isabel PASTORIZA-SANTOS** *(University of Vigo)*, S. Rodal-Cedeira, S. Bals, J.Pérez -Juste

S2 O15 Plasmon-mediated remote Raman of coaxial nanowires - **Daniel FUNES-HERNANDO** *(Institut des Matériaux Jean Rouxel (IMN))*, J.Y. Mevellec, B. Humbert, J.L. Duvail

S2 O16 SERS improvement by a gold reflective underlayer and localised detection of thiophenol by SFG for gold nanotriangles - **Christophe HUMBERT** *(Laboratoire de Chimie Physique - Université Paris-Sud)*, G. Barbillon, B. Bélier , T. Noblet, B. Busson, A. Tadjeddine

S2 O17 Designing small aggregates of nano-particles by AFM to generate tunable Resonant Raman structures. - **Bernard HUMBERT** *(Institut des Matériaux J Rouxel Nantes UMR 6502)*, A. D'Orlando, G. Louarn

S2 O18 Tip-enhanced Raman spectroscopy to distinguish toxic oligomers from Aβ(1-42) fibrils at the nanometer scale - **Sébastien BONHOMMEAU** *(Institut des Sciences Moléculaires, Université de Bordeaux)*, D. Talaga, J. Hunel, C. Cullin, S. Lecomte

S2 O19 TERS characterisation of 2D materials - **Agnès TEMPEZ** *(HORIBA FRANCE SAS)*, M. Chaigneau, O. Lancry, A. Krayev

Session 2.5 > Sensing & Optomechanics > Chairman: James Johnston

S2 KN5 Putting Nanoplasmonics to work! - **Romain QUIDANT** *(ICFO, Spain)*

S2 O20 Optically directed assembly and non-reciprocal interactions of anisotropic gold nanoparticle ensembles - **Delphine COURSAULT** *(University of Chicago, James Franck Institute)*, N. Sule, J.A. Parker, Y. Bao, N.F.Scherer

S2 O21 DNA Origami Nanophotonics: Gold Optical Antennas for Fluorescence Enhancement and Diagnostics Applications - **Kristina HÜBNER** *(TU Braunschweig)*, C. Vietz, I. Kaminska, S. Ochmann, Q. Wei, A. Ozcan, P. Tinnefeld, G. Acuna

S2 O22 Plasmonic biosensing using AuNP-bioconjugates with a smartphone-based spectrometer - **Arnaud ZOUBIR** *(ALPhANOV)*, L. Zhang, M. Salmain, S. Boujday

S2 O23 Microfluidic induced supercrystals for on-chip ultrasensitive SERS detection - **Jorge PÉREZ-JUSTE** *(University of Vigo)*, D. García-Lojo, I. Pastoriza-Santos

S2 O24 Detection of drugs metabolites: from the synthesis of tailored Au-based nanocomposites to SERS measurements - **Virginie HORNEBECQ** *(Aix-Marseille University, CNRS, Laboratoire MADIREL)*, David Rayeroux, David Bergé-Lefranc, Trang Phan, Cédric Pardanaud, Alexandre Merlen, Florence Chaspoul, Didier Gigmes, Nicolas Simon

Session 2.6 > Ultrafast Phenomena > Chairman: Romain Quidant

S2 KN6 Linear and ultrafast plasmonics with individual nanoparticles - **Natalia DEL FATTI** *(Université Lyon 1 - CNRS, Université de Lyon, France)*

S2 O25 Dynamics is Small Metal Clusters - **Theodore GOODSON** *(University of Michigan)*

S2 O26 Second Harmonic Generation from Nanocylinders : from a Single Nanocylinder to a Nanocylinders Array - **Christian JONIN** *(Institut Lumière Matière)*, Emeric Bergman, Anne-Laure Baudrion, Pierre-Michel Adam, Pierre-François Brevet

S2 O27 Acoustic Vibrations of Nanoparticles: Mass Sensing and Interface Characterisation - **Julien BURGIN** *(Université de Bordeaux)*, B. Dacosta Fernandes, H. Baida, P.Langot, J. Oberlé, P. Massé, M. Spuch-Calvar, M. Tréguer-Delapierre, N. Vilar-Vidal, S. Ravaine, L. Saviot

S2 O28 Enlightening the acoustic vibrations of single crystalline gold nanorods by very low-frequency Raman scattering - **Hervé PORTALES** *(Sorbonne Université)*, N. Goubet, L. Saviot, J. Margueritat

Session 2.7 > Thermoplasmonics > Chairman: Natalia Del Fatti

S2 KN7 Heating gold nanoparticles with light. Last applications in nanochemistry and thermal biology - **Guillaume BAFFOU** *(Institut Fresnel - CNRS, France)*

S2 O29 Photothermal Properties of Gold Nanorods: LeChatelier in Action - **Catherine MURPHY** *(University of Illinois at Urbana-Champaign)*, Wayne Lin

S2 O30 Absorption of light by gold nanoparticles under ultrashort laser pulses: not necessarily what you might think - **Bruno PALPANT** *(CentraleSupélec, Laboratoire de Photonique Quantique et Moléculaire)*, X. Hou, N. Djellali

S2 O31 Spatially and temporally reconfigurable temperature control at the microscale - **Chang LIU** *(Sorbonne Université, INSERM, CNRS, Institut de la Vision)*, P. Berto, M. Guillon, G. Tessier

S2 O32 Controlled Assembly of Gold Nanoparticles for Plasmonic Based Photothermal Therapy - **Florent CARN** *(Université Paris Diderot)*, Alice Balfourier, V. Mulens-Arias, F. Gazeau

S2 O33 High-resolution photothermal microscopy for the detection and characterization of single nano-particles - **Antoine FEDERICI** *(Phasics SA)*, H. Robert, G. Baffou, S. Monneret, B. Wattellier

S2 O34 Quantification of heat induced by plasmonic gold nanorods using a ZnGa2O4:Cr3+ luminescent nanothermometer - **Estelle GLAIS** *(Laboratoire de Chimie de la Matière Condensée de Paris, Sorbonne Université)*, B. Viana, C. Chanéac

Session 2.8 > Spectroscopy & Imaging > Chairman: Bernard Humbert

S2 KN8 Gold nanoantennas to enhance the fluorescence emission of single molecules - **Jérôme WENGER** *(Aix Marseille Univ, CNRS, Institut Fresnel, France)*

S2 O35 Single-molecule observation of plasmon-assisted Förster resonance energy transfer on DNA-origami - **Johann BOHLEN** *(Ludwig-Maximilians-Universität München)*, E. Pibiri, D. Ruthland, P. Tinnefeld, G . Acuna

S2 O36 Plasmonic enhancement of single molecule fluorescence using DNA-templated gold nanoparticle dimers - **Nemanja MARKESEVIC** *(Institut Langevin, ESPCI Paris)*, A. Devilez, N. Bonod, J. Wenger, S. Bidault

S2 O37 Plasmon-enhanced Single-molecule Enzymology - **Yuyang WANG** *(Eindhoven University of Technology)*, P. Zijlstra

S2 O38 Real-time spectroscopy of moving nanoparticles using holographic tracking - **Minh Chau NGUYEN** *(Neurophotonics Laboratory, CNRS UMR 8250, Université Paris Descartes)*, F. Valentino, P. Berto, C. Combellas, F. Kanoufi, G. Tessier

S2 O39 Tuning scattering labels for high-fidelity tracking of fast biological events - **Antonio GARCÍA MARÍN** *(Institute of Photonics and Electronics of the AS CR, v.v.i.)*, K. Holanová, L. Bujak, R. Fernández, M. Vala, M. Piliarik

3. Biofunctionalization and medical applications

Session 3.1 > Cell / Nanoparticle Interactions > Chairman: Armelle Baeza

S3 KN1 Gold Nanoparticles as Broad - Spectrum Antivirals - **Francesco STELLACCI** *(Ecole Polytechnique Fédérale de Lausanne, Switzerland)*

S3 KN2 An integrated approach to assess the environmental risks of nanomaterials - **Mélanie AUFFAN** *(Centre Européen de Recherche et d'Enseignement des Géosciences de l'Environnement, France)*

S3 O1 Controlling hydrophobicity and self-assembly of gold nanoclusters for cellular delivery - **Xavier LE GUEVEL** *(University Grenoble Alpes (UGA) / CNRS UMR-5309 / INSERM-U1209)*, Estelle Porret, Akram Yahia-Ammar, Lucie Sancey, Maria I. Montañez, Jean-Baptiste Fleury, Niko Hildebrandt, Jean-Luc Coll

S3 O2 Multimodal characterisation of lysosome integrity after exposure to gold nanoparticles - **Alice BALFOURIER** *(Laboratoire MSC - Université Paris Diderot)*, J. Volatron, N. Luciani, C. Anne - Longin, C. Sagné, F. Carn and F. Gazeau

S3 O3 Biological responses to encapsulating layers and cellular activities in a co-culture system of T cells encapsulated with PSS-coated gold nanorods - **Dakrong PISSUWAN** (Materials Science and Engineering Program, Multidisciplinary Unit, Faculty of Science Mahidol University Bangkok Thailand), P. Wattanakull, M.C. Killingsworth

S3 O4 Anti-inflammatory effect of gold nanoparticles supported on metal oxides - **Takashi FUJITA** *(Research Center for Gold Chemistry, Graduate School of Urban Environmental Sciences, Tokyo Metropolitan University)*, T. Ishida, T. Murayama, M. Haruta, S. Lanone, J. Boczkowski

Session 3.2 > Multimodal Nanoparticles > Chairman: Antonio Kanaras

S3 KN3	Gold nanoparticles as theranostic agents for multi - drug resistant bacteria - **Xingyu JIANG** *(National Center for NanoScience and Technology, China, China)*
S3 O5	Gold nanoparticles and biology - **Raphael LÉVY** *(University of Liverpool)*
S3 O6	Innovative polyvalent nano-platforms for nanomedicine: from diagnosis to therapy - **Soizic CHEVANCE** *(ISCR - Université de Rennes 1)*, F. Sciortino, C. Goubault, Jakobczyk, A. Burel, P.-A. Eliat, H.Y. Danger, F. Vérité, P. Rétif, S. Pinel, M.-B. Troadec, F. Gauffre
S3 O7	A new drug vector based on ultrastable gold nanoparticles - **Elodie BOISSELIER** *(Université Laval)*, F. Masse, M. Ouellette
S3 O8	Multifunctional Gold Nanoparticles for Simultaneous PET/MR Imaging - **Farhan BOURALEH HOCH** *(Université de Bourgogne Franche-Comté)*, V. Thakare, V.-L. Tran, C. Bernhard, A. Deshotel, R. Bazzi, A. Oudot, B. Collin, F. Lux, O. Tillement, F. Brunotte, F. Boschetti, F. Denat, S. Roux
S3 O9	Keys to enrich layer-by-layer films with gold nanoparticles for medical device coating - **Ariane BOUDIER** *(Université de Lorraine, EA 3452 CITHEFOR)*, I. Clarot, P. Lavalle, A. Boudier

Session 3.3 > Photothermal Therapy > Chairman: Rachela Popovtzer

S3 KN4	Magnetic hyperthermia or photothermia? Progressive comparison between magnetic and plasmonic nanoparticles heating, and role of the (intra)cellular environment - **Claire WILHELM** *(Université Paris Diderot, France)*
S3 O10	Using bio-functionalized gold nanorods to observe the plasmonic photothermal effect on individual BaF3 cells - **Phillip WITTHÖFT** *(University of Hamburg)*, L. Prisner, C. Strelow, T. Kipp, A. Mews
S3 O11	Golden Nanoflowers for Combining Hyperthermia and Radiotherapy - **Nasser MOHAMED SAÏD** *(Université de Bourgogne Franche-Comté)*, J. Volatron, G. Jimenez Sanchez, I. Marangon, S. Dufort, F. Denat, F. Boschetti, G. Le Duc, F. Gazeau, R. Bazzi, S. Roux
S3 O12	Multi-core vs single-core Gold Nanoparticles: intracellular confinement effect on NIR Photothermia - **Anouchka PLAN** *(MSC and LVTS)*, R. Aufaure, L. Motte, E. Guenin, C. Wilhelm, Y. Lalatonne
S3 O13	Photothermal Therapy: optimal nanogold morphology for efficient heat generation - **Andreea CAMPU** *(Nanobiophotonics and Laser Microspectroscopy Center, Interdisciplinary Research Institute on Bio-Nano-Sciences and Biomolecular Physics Department, Faculty of Physics, Babes-Bolyai University, Cluj-Napoca)*, Laurentiu Susu, Frederic Lerouge, Stephane Parola, Monica Focsan, Simion Astilean

Session 3.4 > Biosensing Chairman > Jérôme Wenger

S3 KN5	DNA - Gold nanoparticles for endocellular sensing and efficient drug delivery - **Antonios KANARAS** *(University of Southampton, United Kingdom)*
S3 O14	Single-step and sensitive detection system-based on dual-color light scattering of metal nanoparticles - **Stephanie VIAL** *(Satt Paris Saclay)*, J. Wenger
S3 O15	Naked Eye Readout Detection of Staphylococcal Enterotoxin A (SEA) in Milk by Gold Nanoparticle-Based Colorimetric Biosensor - **Lu ZHANG** *(Laboratoire de réactivité de surface, Sorbonne Université)*, P. Chen, B. Liedberg, M. Salmain, S. Boujday
S3 O16	Nanobiosensor coupling SERS and QCM: optimization of gold nanocylinder arrays on gold - **Médéric LEQUEUX** *(Laboratoire CSPBAT UMR7244 Université Paris 13, Laboratoire LRS UMR7197 Sorbonne Université)*, Nestor Gisbert Quilis, Jakub Dostalek, Nathalie Lidgi Guigui, Michèle Salmain, Wolfgang Knoll, Souhir Boujday, Marc Lamy de la Chapelle
S3 O17	Gold nanoparticles SPRi enhanced signal for small molecules detection with split aptamers - **Arnaud BUHOT** *(INAC, CEA Grenoble)*, F. Melaine, C. Coihlac, Y. Roupioz
S3 O18	Optical Losses in Gold-Based Plasmonic Biosensors: Influence of Crystalline Structure - **Yury STEBUNOV** *(Moscow Institute of Physics and Technology)*, D. Yakubovsky, A. Arsenin, V. Volkov
S3 O19	Gold Nanocrystals as 3D High-precision Motion Tracker - **Yuji C. SASAKI** (Graduate School of Frontier Sciences, The University of Tokyo), M. Kuramochi, H. Sekiguchi, K. Mio

Session 3.5 > Theranostics > Chairman: Claire Whilhelm

S3 KN6	Gold nanoparticles for personalized medicine - **Rachela POPOVTZER** *(Faculty of Engineering and the Institute of Nanotechnology and Advanced Materials, Israel)*
S3 O20	Additive-free functional gold nanoparticle conjugates for biomedical applications - **Christoph REHBOCK** *(University of Duisburg-Essen)*, C. Streich, L. Gamrad, S. Barcikowski
S3 O21	Gold-coated harmonic nanoparticles for multi-modal targeted imaging and treatment of cancer - **Rachael TAITT** *(Université de Lyon, Institut des Nanotechnologies de Lyon UMR CNRS 5270)*, E. Millet, M. Urbain, V. Kilin, Y. Mugnier, L. Bonacina, A. Géloën, R. Le Dantec, Y. Chevolot, V. Monnier
S3 O22	Radioactive gold nanoparticles: therapeutic impact in a prostate cancer model studied by electron microscopy and microdosimetry - **Marc-Andre FORTIN** *(Université Laval)*, M. Laprise-Pelletier, Y. Ma, J. Lagueux, M.-F. Côté, L. Beaulieu
S3 O23	Could quantification of radicals help us in understanding gold nanoparticles radiosensitization mechanism? - **Emilie BRUN** *(LCP, Université Paris Sud)*, C. Sicard-Roselli
S3 O24	Investigation of the role of gold nanoparticles in radiation induced oxidation of amino acids and proteins - **Yogita Rajendra JAIGUDE** *(Department of chemistry, Savitribai Phule Pune University, Pune)*, Geeta K. Sharm, Kirankumar K. Sharma, Y. Narode

4. Nanoparticles synthesis and self-assembly

Session 4.1 > Self-assembly 1 > Chairman: Mona Tréguer Delapierre

S4 KN1	Metallurgy of gold nanoparticles - **Brigitte PANSU** *(Université Paris-Sud, France)*
S4 O1	Self-assembly of gold nanorods in ordered spherical supraparticles - **Jessi VAN DER HOEVEN** *(Utrecht University, Debye institute for Nanomaterials Science)*, Y. Liu, M. Bransen, D.A.M. de Winter, M.A. van Huis, P.E. de Jongh, A. van Blaaderen
S4 O2	Chiral gold nanoparticle superstructures directed by silica nanohelices: towards innovative chiroptical properties - **Emilie POUGET** *(CNRS / Bordeaux University)*, J. Gao, R. Oda
S4 O3	Ultrathin gold nanowires: growth mechanism and self-assembly - **Guillaume VIAU** *(INSA)*, R. Ramamoorthy, Said Nouh, J. Vargas Tellez, P. Roblin, L.-M. Lacroix, S. Teychene, M. Imperor, R. Poteau, V. Petkov
S4 O4	Self-Assembly of Polymer-Coated Gold Nanoparticles - **Florian SCHULZ** *(University of Hamburg)*, M.A. Schroer, F. Lehmkühler, J. Möller, G. Grübel, H. Lange
S4 O5	Colloidal Design of Hierarchical Plasmonic Nanostructures - **Cyrille HAMON** *(Laboratoire de Physique des Solides)*, C. Goldmann, Doru Constantin
S4 O6	Ultrathin Gold Films with High Flexibility Prepared by Irradiation with UV Light on Au NPs Monolayer - **Takeshi KAWAI** *(Tokyo University of Science)*, T. Nishimura, M. Nakagawa

Session 4.2 > Less conventional syntheses > Chairman: Anna Lévy

S4 KN2	Laser synthesis of «pure» and «doped» gold nanoparticles - **Vincenzo AMENDOLA** *(Università di Padova, Italy)*
S4 O7	Ionic Liquid-Sputtering Method to Prepare Au Nanoparticles with Some Configurations - **Susumu KUWABATA** *(Osaka University)*, T. Tsuda, T. Uematsu, T. Kameyama, T. Torimoto
S4 O8	In situ synthesis of plasmonic nanoparticles in polymer thin films under laser and solar irradiation - **Elie NADAL** *(LPCNO - INSA)*, L. Peres, N. Barros, K. Soulantica, M. Respaud, H. Kachkachi
S4 O9	Double-Target Sputtering for Au Containing Alloy Nanoparticles - **Mai Thanh NGUYEN** *(Facutly of Engineering, Hokkaido University)*, T . Yonezawa
S4 O10	Surface Chemistry Of Colloidal Surfactant-Free Gold Nanoparticles Generated By Laser Ablation - **Minna PATANEN** *(University of Oulu)*, J. Gaudin, I. Papagiannouli, V. Blanchet, R. Grisenti, G. Laurens, D. Amans, C. Nicolas, A. R. Milosavljevi, E. Robert, J. D. Bozek, M. De AndaVilla, S. Macé, S. Steydli, C. Prigent, E. Lamour, D. Vernhet, M. Trassinelli, A. Lévy
S4 O11	Insertion of gold nanoparticles within bulk graphite based on peculiar hydrophobic interactions - **Valérie CAPS** *(ICPEES (CNRS UMR 7515, University of Strasbourg))*, L. Ardemani, L. Michel , G. Genay

Session 4.3 > Self-assembly 2 > Chairman: Laura Na Liu

S4 KN3 Programmable Assembly of Nanoscale Architectures - **Oleg GANG** *(Columbia University and Brookhaven National Laboratory, United States)*

S4 O12 Light-induced response in DNA-nanoparticle crystals - **Angela Federica DE FAZIO** *(University of Southampton)*, Afaf H. El -Sagheer, Jason Kahn, Tom Brown, Otto L. Muskens, Oleg Gang, Antonios G. Kanaras

S4 O13 DNA-origami mediated self-assembly of nanoelectronic circuits - **Richard WEICHELT** (*Technische Univeristät Dresden),* J. Ye, Vladimir Lesnyak, Nikolai Gaponik, Ralf Seidel, Alexander Eychmüller

S4 O14 Nanostructured inks based on gold nanoparticles and polyelectrolytes - **Nathalie BRIDONNEAU** *(Université Paris 7 Diderot UMR 7057 CNRS Laboratoire MSC et Laboratoire ITODYS)*, S. Zrig, F. Carn

S4 O15 Self-assembly of gold nanoparticles into structurally different tetramers using a single tetrahedral DNA template - **Laurent LERMUSIAUX** *(Monash University),* A. M. Funston

Session 4.4 > Nanoparticles for plasmonics > Chairman: Oleg Gang

S4 KN4 The DNA origami route for active nanoplasmonics - **Laura Na LIU** *(University of Heidelberg, Germany)*

S4 O16 Geometrical and Plasmonic Properties of Long-Range Ordered Pd/Au Core/Shell Nanoparticles - **Aimeric OUVRARD** *(CNRS - University Paris Saclay)*, N. Alyabyeva, A. Zakaria, R. Lazzari, F. Charra, B. Bourguignon

S4 O17 From well-defined plasmonic nanoparticles to hybrid materials for photonic and catalytic applications - **Anthony DÉSERT** *(Laboratoire de Chimie ENS Lyon - Université Lyon 1 - CNRS, UMR 5182)*, C. Mendoza, B. Heinrichs, F. Lerouge, D. Château, F. Chaput, S. Parola

S4 O18 Plasmonic properties of supported Au and Au-Pd nanoparticles: optical and structural in situ characterization during their growth - **Yvonne SOLDO-OLIVIER** *(CNRS)*, Antoine Abisset, Yves Garreau, Alessandro Coati, Marie-Claire Saint-Lager

S4 O19 Block copolymer based nanoplasmonic surfaces - **Alberto ALVAREZ FERNANDEZ** *(Centre de Recherche Paul Pascal / Laboratoire de Chimie des Polymères Organiques)*, G. Pecastaings, G. Hadziioannou, G. Fleury, V. Ponsinet

S4 O20 Geometry Dependent Plasmon Resonance Mode Evolution in Crystalline, Faceted Gold Nanotriangle Dimers - **Ari MAYEVSKY** *(Monash University)*, Funston A.M.

S4 O21 New Advances in Chemistry of Hybrid Plasmonic Nanoparticles - **Issam KHERBOUCHE** *(Paris Descartes University)*, M. Nguyen, I. Tijunelyte, N. Lidgi-Guigui, M. Lamy de la Chapelle, A. Lamouri, G. Lévi, J. Aubard, A. Chevillot-Biraud, S. Lau-Truong, N. Felidj, C. Mangeney

Session 4.5 > Syntheses 1 > Chairman: Lucia Pasquato

S4 O22 New synthesis of gold nanoparticles using N-heterocyclic carbene boranes - **Laura HIPPOLYTE** *(LCMCP - Sorbonne Université)*, N. Bridonneau, D. Mercier, D. Portehault, M. Desage-El Murr, L. Fensterbank, C. Chanéac, F. Ribot

S4 O23 Tailoring the shape of core-shell Au-Ag nanoparticles for SERS - **Leïla BOUBEKEUR-LECAQUE** *(Laboratoire ITODYS UMR 7086, Université Paris Diderot)*, I. Haidar, A. Chevillot-Biraud, S. Lau-Truong, N. Félidj

S4 O24 Thermodynamic Equilibrium and Maximum Yield in Colloidal Nanocrystals Synthesis - **Emanuele Alberto SLEJKO** *(University of Trieste)*, V. Lughi

S4 O25 Colloidal Alchemy: Conversion of Polystyrene Nanoclusters into Gold - **Veronique MANY** *(ICMCB (Institut de Chimie de la Matière Condensée de Bordeaux))*, J. Majimel, G. Drisko, S. Mornet, P. Barois, A. Baron, S. Ravaine, E. Duguet, M. Treguer-Delapierre

S4 O26 Assembly of Janus Gold-Silica plasmonic particles - **Umberto MARTINO** *(Université Paris Diderot, Paris 7, Laboratoire ITDODYS)*, S. Lau-Truong, N. Félidj, L. Boubekeur-Lecaque

S4 O27 Novel synthesis and characterization of doxycycline-loaded gold nanoparticles. The golden doxycycline for antibacterial applications - **Maroua BEN HADDADA** *(Université Paris 13)*, K. Jeannot, M. Lamy de la Chapelle , J. Spadavecchia

Session 4.6 > Surface functionalization > Chairman: Brigitte Pansu

S4 KN5 Gold nanoparticles protected by mixed - monolayers: controlling the surface properties - **Lucia PASQUATO** *(Università di Trieste, Dep. of Chemical and Pharmaceutical Sciences, Italy)*

S4 O28 The Gold Ampicilin Interface At the Nanoscale : A Numerical Simulation Study - **Xavier FENOUILLET** *(CEMES-CNRS)*, M. Benoit, N. Tarrat

S4 O29 Understanding the role of gold in production of ordered protein assemblies - **Karolina MAJSTERKIEWICZ** *(Malopolska Centre of Biotechnology, Jagiellonian University)*, J . G. Heddle

S4 O30 Stabilization of Au Monatomic-High Islands on the (2×2)-Nad Reconstructed Surface of Wurtzite AlN(0001) - **David MARTROU** *(CNRS / CEMES / GNS)*, Benoit Eydoux, Bulent Baris, Hassan Khoussa, Olivier Guillermet, Sébastien Gauthier, Xavier Bouju

Session 4.7 > Syntheses 2 > Chairman: Guillaume Viau

S4 KN6 Cytoplasmatic Synthesis of Au Nanoparticles - **Victor PUNTES** *(Catalan Institute of Nanoscience and Nanotechnology, Spain)*

S4 O31 Size-Controlled Synthesis of Citrate-Stabilized Gold Nanoparticles: Surface Reactivity, Optical and Catalytic Properties - **Neus G. BASTÚS** *(Institut Català de Nanociència i Nanotecnologia),* Jordi Piella, Víctor Puntes

S4 O32 Gold Nanorods with Ultranarrow LSPR Bands - **Luis LIZ-MARZÁN** *(CIC BiomaGUNE)*

S4 O33 Twinned Gold Nanoparticles under Growth: Bipyramids Shape Controlled by Environment - **Fabienne TESTARD** *(CEA)*, Z.C. Canbek, R. Cortes-Huerto, O. Spalla, S. Moldovan, O. Ersen, A. Wisnet, G. Wang, J. Goniakowski, C. Noguera, N. Menguy

S4 O34 Gold nanobipyramids and beyond : highly concentrated, near quantitative synthesis of pentatwinned nanostructures - **Denis CHATEAU** *(ENS Lyon)*, S. Parola, S.Santucci

S4 O35 Implications on the growth of gold bipyramid nanoparticles from molecular dynamics simulations - **Santosh Kumar MEENA** *(Université de Lyon, CNRS, École Normale Supérieure de Lyon, UMR 5182)*, Frederic Lerouge, Stephane Parola, Marialore Sulpizi, Ivan Rivalta

S4 O36 How to synthesize gold nanocages with a precise number of windows ? - **Mona TREGUER-DELAPIERRE** *(ICMCB-CNRS, University of Bordeaux)*, C. Hubert, A. Madeira, A. Desert, J. Majimel, E. Duguet, S. Ravaine, F. Vialla, P. Maioli, N. Del Fatti, A. Crut, F. Vallée, O. Ersen, I. Florea

Session 4.8 > Nano-clusters > Chairman: Aude Demessence

S4 KN7 Precise Synthesis and Application of Small Gold and Bimetal Clusters - **Yuichi NEGISHI** *(Tokyo University of Science, Japan)*

S4 O37 From Au or Ag clusters to nanoparticles: an ab initio and atomistic study - **Clément DULONG** *(MONARIS, UMR 8233, Sorbonne Université Sciences)*, B. Madebene, J. Richardi

S4 O38 Au···H hydrogen bonds in ligand-coordinated gold clusters - **Katsuaki KONISHI** *(Hokkaido University)*, M. Abu Bakar, Yukatsu Shichibu

S4 O39 One-pot Synthesis and Structure of Au23-xAgx(SR)15 Nanocluster - **Chao LIU** *(Dalian Institute of Chemical Physics, CAS)*, Jiahui Huang

S4 O40 A series of intrinsically chiral gold nanocage structures - **Ian HAMILTON** *(Wilfrid Laurier University)*, X.J. Liu

S4 O41 The active centers of oxygen adsorption on thiolate-protected gold clusters in various solvents - **Nadezhda NIKITINA** *(Moscow State University)*, D. Pichugina, N. Kuz'menko

5. Molecular gold complexes

Session 5.1 > Gold(I) catalysis for synthesis 1 > Chairman: Stephen Hashmi

S5 KN1 New perspectives in gold catalyzed manipulations of arenes -
Marco BANDINI *(Dipartimento di Chimica, Italy)*

S5 O1 Enantioselective Gold(I)-Catalyzed Intermolecular [4+2] Annulation between Propiolates and Alkenes -
Seunghoon SHIN *(Hanyang University),* Hanbyul Kim, Su Yeon Choi

S5 O2 Phospha[6]helicenes as Effective Ligands in Enantioselective Gold(I)-Catalysis -
Arnaud VOITURIEZ *(CNRS-ICSN)*, P. Aillard, K. Yavari, A. Marinetti

S5 O3 Evaluation of beta-cyclodextrin NHC-Gold(I) Complex in the Catalysis of Cycloisomerization and Alkoxycyclization Reactions - **Natalia DEL RIO** *(Institut Parisien de Chimie Moléculaire)*, O. Bistri, M. Sollogoub, L. Fensterbank, V. Mouriès - Mansuy

S5 O4 Gold(I)-Catalyzed 1,3-O-Transposition of Ynones: Mechanism and Catalytic Acceleration with Electron-Rich Aldehydes - **Santeri AIKONEN** *(University of Helsinki, Department of Chemistry)*, M. Muuronen, T. Wirtanen, S. Heikkinen, J. Musgreave, J. Burés, J. Helaja

S5 O5 Gold(I)-Mediated Thiourea Organocatalyst Activation: A Synergic Effect for Asymmetric Catalysis -
Raquel P. HERRERA *(Instituto de Síntesis Química y Catálisis Homogénea (ISQCH))*, Anabel Izaga, Juan V. Alegre-Requena , M. Concepción Gimeno

S5 O6 Revealing the Activity of π-Acid Catalysts using a 7-Alkynyl Cycloheptatriene -
Marie VAYER *(Université Paris Sud)*, C. Bour, V. Gandon

Session 5.2 > Gold(I) catalysis for synthesis 2 > Chairman: Liming Zhang

S5 KN2 Gold - catalyzed cycloisomerization and domino reactions: a journey in molecular diversity -
Véronique MICHELET *(Université Côte d'Azur - Institut de Chimie de Nice, France)*

S5 O7 alpha-Iminocarbene Gold(I) Intermediates from Nitrogen Heterocycles -
A. Stephen K. HASHMI *(Heidelberg University),* K. Hashmi

S5 O8 Gold(I)-Catalyzed Carboaminations of Tetrahydro-β-carbolines to Allenes -
Xavier GUINCHARD *(ICSN-CNRS),* V. Gobé, M. Dousset

S5 O9 Gold(I)-Catalyzed Cascades via Ammoniumation Reactions: towards Functionalized Azacyclic Derivatives -
Romain PERTSCHI *(Université de Strasbourg)*, Patrick Pale, Aurélien Blanc

S5 O10 Phosphine-Stabilized Small Gold & Gold-Silver Clusters -
Xiao-Li PEI *(Institute of Chemical Research of Catalonia (ICIQ))*, E.S. Smirnova, A. Pereira, A.M. Echavarren

S5 O11 Building on the Gold Catalysed Rautenstrauch Rearrangement of 1,n-Enyne Esters -
Philip CHAN *(Monash University)*,

Session 5.3 > Gold(I) catalysis for synthesis 3 > Chairman: Louis Barrault

S5 KN3 Gold Catalysis Enabled by Designed Bifunctional Ligands -
Liming ZHANG *(University of California Santa Barbara, United States)*

S5 O12 Bimetallic gold complexes of photoswitchable diphosphines -
Angela MARINETTI *(CNRS - Institut de Chimie des Substances Naturelles)*, T. Arif, J. Xie, R. Métivier, N. Bogliotti, A. Voituriez, A. Marinetti

S5 O13 Elementary Organometallic Steps at a 2,2'-Bipyridyl Ligated Gold Center -
Matt HARPER *(University of Bristol)*, John F. Bower, Christopher A. Russell

S5 O14 5-Barb-imidazo[1,5-a] pyridin-3-ylidene (Barb-IPy)- : A novel class of anionic, L-shape (chiral) N-Heterocyclic Carbenes for (asymmetric) gold(I) and gold(III) catalysis -
Idir BENAISSA *(Laboratoire de Chimie de Coordination du CNRS)*, Mathieu Huynh, Marie-Emilie Morantin, Noël Lugan, Stéphanie Bastin, Vincent César

S5 O15 Photoreducible Au(III) Complexes and Homogeneous Catalysis -
Brigitte BIBAL *(Université de Bordeaux)*, Z. Cao, C. Mongin, D.M. Bassani

S5 O16 Homogeneous gold catalysed oxidative direct arylation -
Christopher RUSSELL (University of Bristol), LT. Ball, MH. Harper, GC. Lloyd-Jones

Session 5.4 > Gold(I) coordination chemistry > Chairman: Daniel Leznoff

S5 KN4 New Reactivities of Gold Complexes: It is All a Question of Ligand Design! - **Didier BOURISSOU** *(Université Paul Sabatier Toulouse, France)*

S5 O17 When Gold Meets Relativity - **Peter SCHWERDTFEGER** *(New Zealand Institute for Advanced Study, Auckland)*, Paul Jerabek, Beatriz von der Esch, Lisa Vondung, Hubert Schmidbaur

S5 O18 Design and application of chelating sulfur-based ligands for selective extraction of gold using a simultaneous leaching and solvent extraction system - **Stephen FOLEY** *(Department of Chemistry, University of Saskatchewan)*, H. Salimi, L. Moradi

S5 O19 Experimental measurement of [LAuCO]+ dissociation energy to probe ligand electronic effect - **David GATINEAU** *(Univ Grenoble Alpes and CNRS, DCM - UMR 5250)*, D. Lesage, H Clavier, H. Dossmann, A. Milet, Y. Gimbert

S5 O20 Gold and Hydrogen Bonding: Myth or Reality? - **Mathilde RIGOULET** *(Université Paul Sabatier - LHFA)*, E.D. Sosa Carrizo, K. Miqueu, A. Amgoune, D.Bourissou

S5 O21 Stimuli-responsive water soluble Au(I) complexes - **Laura RODRIGUEZ** *(University of Barcelona)*, Elisabet Aguiló, Artur J. Moro, Raquel Gavara, João Carlos Lima

S5 O22 Small-molecule functionalisation chemistry at Au(III) - **Mats TILSET** *(University of Oslo)*, M.S.M. Holmsen, A. Nova

Session 5.5 > Gold(I) and luminescence > Chairman: Concepción Gimeno

S5 KN5 Gold Complexes for Materials Applications and Anti - Cancer Medicines - **Chi-Ming CHE** *(University of Hong-Kong, China)*

S5 O23 Cyanoaurate-based Coordination Polymers as Advanced Optical Materials - **Daniel LEZNOFF** *(Simon Fraser University)*,

S5 O24 Carbene Gold Carbazole Dendrimer Complexes for the Development of the Solution-Processable Flexible OLEDs - **Alexander ROMANOV** *(University of East Anglia)*, D. Di, L. Yang, S. Jones, R. Friend, M. Linnolahti, D. Credgington, M. Bochmann

S5 O25 Effect of the bis-cyclometallisation ligand and temperature on luminescence of gold(III) complexes - **Dalila HAMMOUTENE** *(USTHB University, Algiers)*, Hayat Ayache, Aziz Elkechai, Camille Latouche, Abdou Boucekkine

S5 O26 Self-assembly of gold(I) alkynyl phosphine: impact on the photophysical pathways - **João Carlos LIMA** *(REQUIMTE-LAQV, Univ. NOVA de Lisboa)*, Artur Moro, Elisabet Aguiló, João Pina, Sérgio Seixas de Melo, Laura Rodriguez

S5 O27 1D and 2D Gold(I)-Thiophenolate-based Coordination Polymers, a Rich Palette of Photophysical Properties - **Aude DEMESSENCE** *(CNRS IRCELYON UMR 5256)*, O. Veselska, N. Guillou, G. Ledoux, A. Fateeva

S5 O28 Gold-Catalyzed Photooxidative Alkynylation of Tetrahydroisoquinolines using Visible Light - **Man Kin WONG** *(The Hong Kong Polytechnic University)*, Jie-Ren Deng and Rui Tang

Session 5.6 > Bioconjugates and photocatalysis > Chairman: D. Chan

S5 KN6 Synthesis and Applications of Functionalised N - Heterocyclic Carbene Gold Complexes - **Concepción GIMENO** *(Instituto de Síntesis Química y Catálisis Homogénea (ISQCH), CSIC-Universidad de Zaragoza, Spain)*

S5 KN7 Organic transformations using photoredox gold catalysis - **Louis BARRIAULT** *(University of Ottawa, Canada)*

S5 O29 A One «Click» Synthesis to Supramolecular Metallopeptide-Based Amphiphiles and Their pH-Responsive Self-Assembly in Water - **Vanessa LEWE** *(Organic Chemistry Institute, Johannes Gutenberg-University)*, P. Besenius

S5 O30 Pyrazine-based cyclometalated (C^Npz^C)Au(III) complexes: from simple NHC complexes to bioconjugates - **Benoît BERTRAND** *(University of East Anglia)*, M. Williams, A.I. Green, J. Fernandez-Cestau, M. Searcey, Z.A.E. Waller, M.A. O'Connell, M. Bochmann

S5 O31 Application of Mono- and Dinuclear Gold Complexes in Photochemistry - **Sina WITZEL** *(Ruprecht-Karls-University Heidelberg)*, J. Xie, A.S.K. Hashmi

S5 O32 Gold(I) Catalysis Under Visible Light - **Zhonghua XIA** *(Sorbonne Université)*, L. Fensterbank, V. Mouriès-Mansuy, C. Ollivier

6. Nanoelectronics, optoelectronics and electrochemistry

Session 6.1 > Charge transport > Chairman: Olivier Pluchery

S6 KN1 Transmission of surface plasmon polaritons through nanometric constrictions - **Elke SCHEER** *(University of Konstanz, Germany)*

S6 O1 Detecting Non-Trivial Phenomena Within Gold Break Junctions: Molecular Atropisomerization and Au-S Oligomerization - **Edmund LEARY** *(University of Liverpool)*, Teresa Gonzalez, Nicolas Agrait, Cecile Roche, Harry Anderson, Iain Grace, Colin Lambert, Carlos Romero, Simon Higgins, Andrew Hodgson, Richard Nichols

S6 O2 Controlling the electric charge of gold nanoplatelets on an insulator by field emission nc-AFM - **Mohanad ALCHAAR** *(CEMES-CNRS)*, B. Baris, J. Prasad, S. Gauthier, E. Dujardin, D. Martrou

S6 O3 Nanoscale Opto-Electronic Device based on Single-Crystalline Gold Platelets - **Enno KRAUSS** *(University of Wuerzburg, Experimental Physics 5, Nano-Optics and Bio-Photonics)*, R. Kullock, M. Ochs, M. Emmerling, B. Hecht

Session 6.2 > Nanoscale junction > Chairman: Victor Climent

S6 KN2 Charge transport in nanoscale junctions - **Michel CALAME** *(Swiss Federal Laboratories for Materials Science & Technology (Empa) and University of Basel, Switzerland)*

S6 O4 Capturing electrochemical transformations by in-situ tip-enhanced Raman spectroscopy - **Thomas TOUZALIN** *(Laboratoire Interfaces et Systèmes Électrochimiques, CNRS - Sorbonne Université UMR8235)*, S. Joiret, I.T. Lucas, E. Maisonhaute

S6 O5 From the Inert Insulator to the Active Electrocatalyst: Functionalization of h-BN and g-C3N4 by Gold - **Andrey LYALIN** *(National Institute for Materials Science (NIMS))*, K. Sakaushi, K. Uosaki, T. Taketsugu

Session 6.3 > Electrocatalysis > Chairman: Victor Climent

S6 KN3 Electrocatalysis on gold - **Marc KOPER** (Leiden University, Netherlands)

S6 O6 Electrocatalysis of sized gold nanospheres - **Teko W. NAPPORN** *(University of Poitiers, IC2MP UMR 7285 CNRS)*, S. Hebié , C. Morais, K.B. Kokoh

Session 6.4 > Bioelectrocatalyis > Chairman: Teko W. Napporn

S6 KN4 Enzymatic Bioelectrocatalysis of the ORR on single crystal and polycrystalline gold electrodes - **Victor CLIMENT PAYA** *(University of Alicante, Spain)*

S6 KN5 Electrocatalysis by Atomically Precise Metal Nanoclusters - **Dongil LEE** *(Yonsei University, South Korea)*

S6 O7 Gold Nanorods vs. Octahedra: Electrochemical interaction with glucose - **Nolwenn MAYET** *(IC2MP, University of Poitiers)*, S. Rodal-Cedeira, M. Paulino, K. Servat, K.B. Kokoh, L. M Liz-Marzan, I. Pastoriza, J. Pérez-Juste, T.W. Napporn

S6 O8 When Halides Shape the Morphology and Electrocatalysis of Gold Nanoparticles Directly Grown onto Carbon Paper Electrodes - **Yaovi HOLADE** *(ENS Chimie Montpellier)*, S.D. Minteer

S6 O9 Enzymatic O2 reduction and H2 oxidation on gold surfaces: probing functional enzyme immobilization by electrochemistry, SPR and PMIRRAS - **Elisabeth LOJOU** *(BIP CNRS-Aix Marseille Université)*, V. Hitaishi, I. Mazurenko, C. Gutierrez-Sanchez, S. Lecomte

S6 O10 Ultrafast electrochemistry for molecular electronics onto gold electrodes - **Gabriel BOITEL-AULLEN** *(Sorbonne Université - Université Pierre et Marie Curie)*, I. Nierengarten, J.-F. Nierengarten, L. Fillaud, E. Maisonhaute

7. (Un)expected uses of gold

> Chairman: Georges Calas

S7 KN1	Gold's role as an industrial metal in 2018 and beyond - **Trevor KEEL** *(Material Value Ltd & World Gold Council, United Kingdom)*
S7 O1	Selective adsorption of 1,3-dimethyltrisulfane (DMTS) responsible for aged odor of Japanese sake with supported gold nanoparticles - **Makoto TOKUNAGA** (Kyushu University), H. Murayama, Y. Yamamoto, M. Kimura, T. Shinozaki, E. Yamamoto, T. Ishida, A. Isogai, T. Fujii, S. Iizuka, M. Okumura
S7 O2	Historically-based preparation of gold clusters supported on mesoporous materials for liquid-phase oxidation catalysts - **Joaquín PÉREZ-PARIENTE** *(Institute of Catalysis and Petroleum Chemistry (ICP-CSIC))*, J. Agundez, A. Mayoral
S7 O3	Antique black bronze; influence of Au and Ag Surface Plasmon resonance on optical properties - **François MATHIS** *(Recherche et prospection Archéologique (Archaeology Research and Exploration))*, M. Aucouturier, D. Robcis
S7 O4	Aulana®: Novel Nanogold Coloured Wool Textiles for Luxury Markets - **James JOHNSTON** *(Victoria University of Wellington, School of Chemical and Physical Sciences)*,

Posters Presentations

1. Catalysis

S1 P1	Preparation of supported gold nanoparticles and application to adsorbents of sulphur compounds - **Haruno MURAYAMA** *(Kyushu University)*, T. Hasegawa, Y. Yamamoto, M. Tone, M. Kimura, T. Ishida, T. Honma
S1 P2*	Preparation of supported gold nanoflowers and its catalytic property - **Ryota KAN** *(Tokyo University of science)*, Ryota Akiyama, Yoshiro Imura, Ke - hsuan Wang, Takeshi Kawai
S1 P3	Design, synthesis and catalytic evaluation of gold decorated-silica nanoparticles (Au-AMPS-SSx) - **Angelique BLANCKENBERG** *(Stellenbosch University)*, R. Malgas - Enus
S1 P4	Synthesis of gold nanoparticles and clusters driven by eighteenth century historical procedures - **Joaquín PÉREZ-PARIENTE** *(Institute of Catalysis and Petroleum Chemistry (ICP-CSIC))*, N. Pulido, J. Agundez, I. M. Pascual Valderrama, J. Pérez - Pariente
S1 P5	MgOx-Al2O3 supported Au nanoparticles as Active Catalysts for Selective Hydrogenation of Acetylene - **Caixa QI** *(Yantai University)*, Junjie Shi, S. Xun
S1 P6	Photocatalytic decolorization of methylene blue dye utilizing ZnO-clay by impregnation method under solar irradiation - **Brahim ZAHRAOUI** *(Laboratory of Chemistry and Environmental Science, University Tahri Mohammed Béchar, Algeria)*, O. Djelloul and D. Lahcene
S1 P7*	Reaction Pathway Dependence in Plasmonic Catalysis: Gold Hydrogenation as a Model Molecular Transformation - **Eduardo BARBOSA** *(Universidade de São Paulo)*, Jhonatan L. Fiorio, Tong Mou, Bin Wang, Liane M. Rossi, Pedro H.C. Camargo
S1 P8	H2O dissociation by perimeter interface between the gold nanoparticles and the TiO2 support - **Tadahiro FUJITANI** *(National Institute of Advanced Industrial Science and Technology (AIST))*, T. Fujitani
S1 P9*	Gold-silver catalysts based on ZnO in propene oxidation - the effect of silver dopant and hydrogen treatment on catalytic properties - **Iveta KASKOW** *(Adam Mickiewicz University in Poznan)*, C - M. Yang, I. Sobczak, M. Ziolek
S1 P10*	AuCu-SBA-15 and AuCu-Nb/SBA-15 catalysts - the effect of niobium and support structure on activity in propene oxidation - **Kalina GRZELAK** *(Adam Mickiewicz University in Poznan)*, C - M. Yang, I. Sobczak, M. Ziolek
S1 P11*	Selective Catalytic Oxidation of Trimethylamine over Support Gold Catalysts at Low Temperature - **Baoxiang AN** *(Tokyo Metropolitan University)*, Mingyue Lin, Nao Niimi, Yohei Jikihara, Tsuruo Nakayama, Tamao Ishida, Masatake Haruta, Toru Murayama
S1 P12*	Mechanistic Insights into Hydrogen Peroxide Synthesis using Gold Palladium Clusters: A Density Functional Theory Study - **Nishtha AGARWAL** *(Cardiff Catalysis Institute, Cardiff University)*, S. J. Freakley, L. Thomas, G.J. Hutchings, D. J. Willock
S1 P13	Propylene epoxidation with H2 and O2 over Au supported on ZrO2 with different crystal phase - **Caixia QI** *(Yantai University)*, Yuhua Zheng, Xun Sun, Huijuan Su, Libo Sun
S1 P14	CO2 reforming with CH4 over Kaolin silica supported LaNiO3 catalysts - **Kahina IKKOUR** *(Univercity)*, K.Ikkour, A.C.Roger, H. Messaoudi, T.Belaid, S.Dekkar
S1 P15*	Effect of Carbon Oxidation on Supported Au/C Activity and Stability for Acetylene Hydrochlorination - **Sean NOBLE** *(University of South Carolina)*, J. Alers, J.M. Monnier and J. R. Regalbuto
S1 P16	Liquid-phase cyclohexene oxidation over X wt % ZrO2-TiO2 (X =5, 10, 15 and 20 %) anatase xerogel. - **Driss LAHCENE** *(Laboratory of Chemistry and Environmental Science, University Tahri Mohammed Béchar, Algeria)*, A. Choukchou - Braham
S1 P17	Synergy between Au and Ag in the aerobic oxidation of 5-hydroxymethylfurfural - **Baira DONOEVA** *(Utrecht University)*, N. Masoud, P. E. de Jongh
S1 P18*	Homocoupling of Phenylboronic Acid using Atomically Dispersed Gold on Carbon Catalysts: Catalyst Evolution Before Reaction - **Tanja PARMENTIER** *(Cardiff University)*, Simon R. Dawson, Grazia Malta, Li Lu, Thomas Davies, Simon A. Kondrat, Simon J. Freakley, Christopher J. Kiely and Graham J. Hutchings

** Eligible for Best Student Poster Award*

S1 P19*	Gold Nanoparticle-Catalyzed Transfer Vinylation of Carboxylic Acids: Effects of Supports and Gold Particle Size - **Ryusei SODENAGA** *(Tokyo Metropolitan University)*, T. Ishida, T Honma, M. Haruta
S1 P20	Adsorption and thermal reaction properties of dimethyl trisulfide over Au(111) - **Isao NAKAMURA** *(National Institute of Advanced Industrial Science and Technology (AIST))*, M. Tokunaga, M. Okumura, T. Fujitani
S1 P21	DFT study for adsorptive decomposition of 1,3-dimethyltrisulfane (DMTS) over gold nano clusters: the elimination of aged odour in Japanese sake - **Mitsutaka OKUMURA** *(Department of Chemistry Graduate School of Science Osaka University),* Haruno Murayama, Yusuke Yamamoto, Misaki Tone, Takayuki Hasegawa, Moemi Kimura, Tamao Ishida, Makoto Tokunaga

2. Plasmonics

S2 P1*	H2 adsorption on anisotropic gold nanoparticles investigated by plasmonic spectroscopy - **William WATKINS** *(INSP)*, Y. Borensztein
S2 P2*	Modulation of hot electron injection in plasmonic photocatalysts through thermal control of interparticle spacing - **Yoel NEGRÍN** *(Universidade de Vigo)*, Miguel Comesaña - Hermo, Xiang - Tian Kong, Benito Rodríguez - González, Zhiming Wang, Moisés Pérez - Lorenzo, Alexander O. Govorov and Miguel A. Correa - Duarte
S2 P3*	Exploring the electric and magnetic light emission with plasmonic cavities - **Cyrine ERNANDES** *(UPMC)*, Hung-ju Lin, Michel Mortier, Patrick Gredin, Maria F. Garcia - Parajo, Mathieu Mivelle and Lionel Aigouy
S2 P4*	Theory of Graphene Plasmon Cavities - **Xiaofei XIAO** *(Imperial College London)*, Xiaofeng Li, Joshua D. Caldwells, Stefan A. Maier, Vincenzo Giannini
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S2 P14*	Colorimetric analysis of gold nanoparticle dimers assembled on 3D DNA origamis - **Elise GAYET** *(Institut Langevin)*, Gaëtan Bellot and Sébastien Bidault
S2 P15*	Assembly of gold nanoparticles - **Bala Gopal MADDALA** *(IITB-MONASH RESEARCH ACADEMY)*, Alison Funston, Anindya Datta
S2 P16	Gold nanorods: from metal colloids to nanocomposite emulsions aiming at SERS applications - **Sara FATEIXA** *(University of Aveiro)*, H. I. S. Nogueira, T. Trindade

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S2 P17*	Nanostructures made by LIL study by a mapping of SERS signal - **Médéric LEQUEUX** *(Laboratoire CSPBAT UMR7244 Université Paris 13, Laboratoire LRS UMR7197 Sorbonne Université)*, Nestor Quilis, David Mele, Priyamvada Venugopalan, Jakub Dotalek, Souhir Boujday, Wo lfgang Knoll, Marc Lamy de la Chapelle
S2 P18*	SERS signal optimisation of gold nanocylinders on gold subfilm substrate - **Médéric LEQUEUX** *(Laboratoire CSPBAT UMR7244 Université Paris 13, Laboratoire LRS UMR7197 Sorbonne Université)*, David Mele, Yousra Haddadi, Raymond Gilibert, Souhir Boujday, Marc Lamy de la Chapelle
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S3 P12*	Synthesis and Characterization of Polyoxometalate/Antibiotic/Gold Nanoparticle Hybrid Materials for Antibacterial Applications - **Somia TOMANE** *(Institut Lavoisier de Versailles, UVSQ, CNRS, Université Paris-Saclay)*, S. Boujday, A. Dolbecq, V. Humblot, P. Mialane, A. Vallée

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S3 P21	Effect of gold nanoparticles on cytotoxicity and autophagy induction in macrophages - **Dakrong PISSUWAN** *(Mahidol University, Bangkok)*, S. Chaicherd

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S4 P7*	Controlled Growth of High Aspect-ratio Single-crystalline Gold Platelets - **Enno KRAUSS** *(University of Wuerzburg, Experimental Physics 5, Nano-Optics and Bio-Photonics)*, R. Kullock, X. Wu, P. Geisler, N. Lundt, M. Kamp, B. Hecht
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S4 P23*	Synthesis of Au-CeO2 hybrid nanocrystals: From dimer to core-shell heterostructures - **Jordi PIELLA** (*Catalan Institute of Nanoscience and Nanotechnology (ICN2))*, Javier Patarroyo, Jordi Arbiol, Neus G. Bastús and Víctor Puntes

5. Molecular gold complexes

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6. Nanoelectronics, optoelectronics and electrochemistry

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S6 P2	A High Performance Direct Glucose Fuel Cell Using Gold-Platinum Alloy Anode Catalysts - **Kanjiro TORIGOE** *(Tokyo University of Science)*, K. Tshichiya, K. Iwabata, K. Torigoe, M. Abe
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S6 P4	Electron transport through homopeptides: are they really good conductors? - **Linda Angela ZOTTI** *(Universidad Autónoma de Madrid)*, J.C.Cuevas

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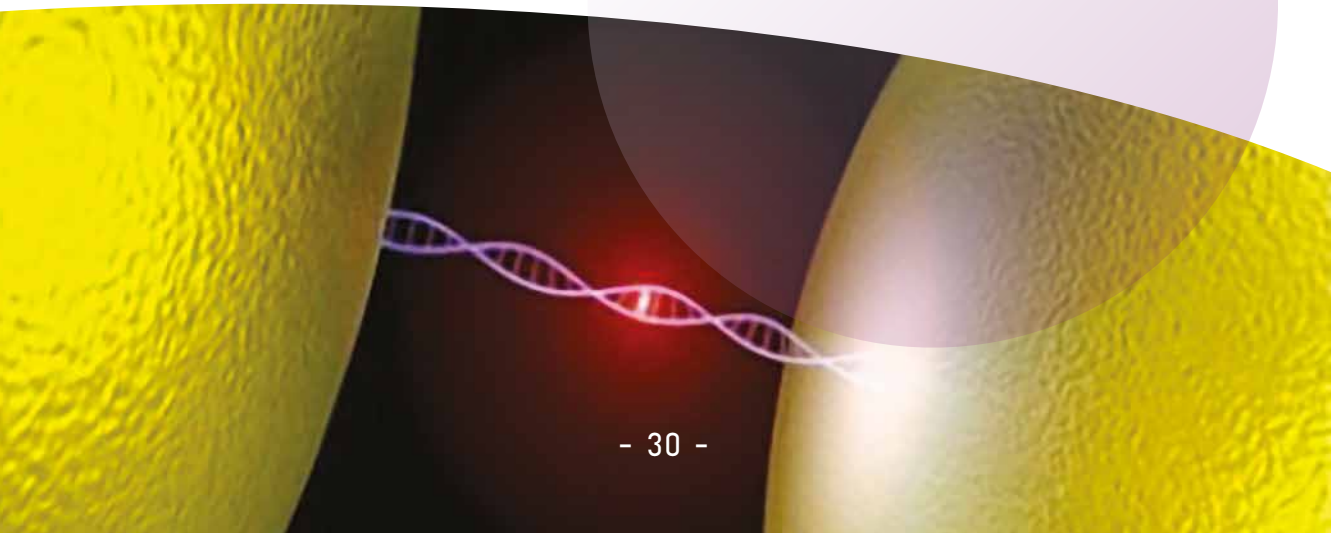

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List of Participants

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ABBOTT William	*Trinity College Dublin, Ireland*	S2 P7
ABDEL-MAGEED Ali	*Institute of Surface Chemistry and Catalysis, Ulm University, Germany*	
AGARWAL Nishtha	*Cardiff Catalysis Institute, Cardiff University, United Kingdom*	S1 O45 / S1 P12
AGUY Stéphane	*EDEN Instruments, France*	
AHMADY Islam	*University of Sharjah, United Arab Emirates*	S3 P20
AHRENS Alexander	*Universität Heidelberg, Germany*	S5 P8
AIKONEN Santeri	*University of Helsinki, Department of Chemistry, Finland*	S5 O4
ALCHAAR Mohanad	*CEMES-CNRS, France*	S6 O2
ALVAREZ FERNANDEZ Alberto	*CNRS / Bordeaux University, France*	S4 O19
ALYABYEVA Natalia	*ISMO, CNRS - Univ. Paris Saclay, France*	
AMENDOLA Vincenzo	*Università di Padova, Italy*	S4 KN2
AN Baoxiang	*Tokyo Metropolitan University, Japan*	S1 P11
ANDREOLI Massimiliano	*University of Pavia, Department of Chemistry, Organic Chemistry Section, Italy*	
ARIB Celia	*Laboratoire CSPBAT. Université Paris, France*	S4 P4
ATWI Ranin	*Institut de recherches sur la catalyse et l'environnement de Lyon (IRCELYON), France*	S1 O4
AUFFAN Mélanie	*Centre Européen de Recherche et d'Enseignement des Géosciences de l'Environnement, France*	S3 KN2
BAEZA Armelle	*Unité de Biologie Fonctionnelle et Adaptative (BFA), Université Paris-Diderot - CNRS, France*	
BAFFOU Guillaume	*Institut Fresnel - CNRS, France*	S2 KN7
BALFOURIER Alice	*Paris Diderot University, France*	S3 P16
BANDINI Marco	*Dipartimento di Chimica, Italy*	S5 KN1
BARBOSA Eduardo	*Universidade de São Paulo, Brazil*	S1 P7 / S1 O38
BARRIAULT Louis	*University of Ottawa, Canada*	S5 KN7
BARROS Noemi	*Laboratoire PROMES-CNRS, France*	
BASTÚS Neus G.	*ICN2 Institut Català de Nanociència i Nanotecnologia, Spain*	S4 O31 / S4 P15
BEEVERS Cameron	*Cardiff University, United Kingdom*	S4 P5
BEHM R. Jürgen	*Ulm University, Germany*	S1 KN2
BEN HADDADA Maroua	*Université Paris 13, France*	S4 O27
BENAISSA Idir	*Laboratoire de Chimie de Coordination du CNRS, France*	S5 O14
BERTRAND Benoît	*University of East Anglia, United Kingdom*	S5 O30
BERTRAND Philippe	*University of Poitiers IC2MP, France*	S3 P9
BEULET Christophe	*ANTON PAAR FRANCE, France*	
BIBAL Brigitte	*Université de Bordeaux, France*	S5 O15
BIDAULT Sébastien	*Institut Langevin, ESPCI,CNRS, France*	
BISHOP Peter	*Johnson Matthey Plc, United Kingdom*	
BLANCKENBERG Angelique	*Stellenbosch University, South Africa*	S1 P3
BOHLEN Johann	*Ludwig-Maximilians-Universität München, Germany*	S2 O35
BOISSELIER Elodie	*Université Laval, Canada*	S3 O7
BOITEL-AULLEN Gabriel	*Sorbonne Université - Université Pierre et Marie Curie, France*	S6 O10
BONHOMMEAU Sébastien	*ISM - Université de Bordeaux, France*	S2 O18
BORENSZTEIN Yves	*Institut des Nanosciences de Paris (INSP), Sorbonne Université, France*	
BORRAJO Mireya	*Vall d'Hebron Institut de Recerca (VHIR), Spain*	S3 P6

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BOSSARD-GIANNESINI Léo	*Institut des Nanosciences de Paris (INSP), Sorbonne Université, France*	S6 P3
BOUBEKEUR-LECAQUE Leïla	*ITODYS - CNRS, France*	S4 O23
BOUDIER Ariane	*Université de Lorraine, EA 3452 CITHEFOR, France*	S3 O9
BOUJDAY Souhir	*Sorbonne Université, France*	
BOURALEH HOCH Farhan	*Université de Bourgogne Franche-Comté, France*	S3 O8
BOURISSOU Didier	*Université Paul Sabatier Toulouse, France*	S5 KN4
BREVET Pierre-François	*ILM CNRS, Université Lyon 1, France*	
BRIDONNEAU Nathalie	*ITODYS - CNRS, France*	S4 O14
BRONGERSMA Mark	*Stanford University, United States*	S2 KN1
BRUN Emilie	*LCP, Université Paris Sud, France*	S3 O23
BRUYLANTS Gilles	*Université Libre de Bruxelles (ULB), Belgium*	
BRYCHE Jean-François	*C2N-LCF Université Paris-Saclay & LN2 Université de Sherbrooke, France*	S2 P19
BUCKLE Malcolm	*ENS PARIS SACLAY, France*	
BUHOT Arnaud	*INAC, CEA Grenoble, France*	S3 O17
BURGIN Julien	*Université de Bordeaux, France*	S2 O27
CADGE Jamie	*University of Bristol, United Kingdom*	S5 P5
CALAME Michel	*Swiss Federal Laboratories for Materials Science & Technology (Empa) and University of Basel, Switzerland*	S6 KN2
CALAS Georges	*Sorbonne Université, France*	*PLENARY*
CAMPU Andreea	*Babes-Bolyai University, Romania*	S3 O13
CAPS Valérie	*ICPEES, University of Strasbourg, France*	S1 O18 / S4 O11
CARN Florent	*Université Paris Diderot / Laboratoire Matière et Systèmes Complexes, France*	S2 O32
CARTER James	*Cardiff Catalysis Institute, Cardiff University, United Kingdom*	S1 O19
CASTELEIRO Bárbara	*CQE and IN - Instituto Superior Técnico, Portugal*	S4 P21
CASTRO Mayra	*Springer Verlag GmbH, Germany*	
CHAN Chen Hui	*Laboratoire de Chimie, Ecole Normale Supérieure de Lyon, France*	S3 P15
CHAN Philip	*Monash University, Australia*	S5 O11
CHANDLER Bert	*Trinity University, United States*	*PLENARY*
CHATEAU Denis	*ENS Lyon, France*	S4 O34
CHE Chi-Ming	*University of Hong-Kong, China*	S5 KN5
CHEN Bingbing	*Dalian University of Technology, China*	
CHEVANCE Soizic	*ISCR - Université de Rennes 1, France*	S3 O6
CHMIELEWSKI Adrian	*Laboratoire Matériaux et Phénomènes Quantiques - Université Paris Diderot, France*	S1 O9
CHUAN Shi	*Dalian University of Technology, China*	S1 O12 / S1 O20
CLAROT Igor	*EA 3452 CITHEFOR, Université de Lorraine, France*	S3 P11
CLIMENT PAYA Victor	*University of Alicante, Spain*	S6 KN4
COURSAULT Delphine	*University of Chicago, James Franck Institute, United States*	S2 O20
DAVID Christin	*IMDEA Nanoscience, Spain*	S2 O11 / S2 P6
DAWSON Simon	*Cardiff Catalysis Institute, Cardiff University, United Kingdom*	S1 O15
DE ANDA VILLA Manuel	*UPMC Paris 6, France*	
DE FAZIO Angela Federica	*University of Southampton, United Kingdom*	S4 O12
DE JONGH Petra	*Debye Institute for Nanomaterials Science, Utrecht University, Netherlands*	S1 O26
DE MASI Déborah	*UMR 5215 - LPCNO, France*	S1 O37
DEL FATTI Natalia	*Université Lyon 1 - CNRS, Université de Lyon, France*	S2 KN6
DEL RIO Natalia	*Institut Parisien de Chimie Moléculaire, France*	S5 O3

Attendee	Institution	Code
DELPLANQUE Aleksandra	*SATT PARIS SACLAY - ENS PARIS SACLAY, France*	
DEMESSENCE Aude	*Lyon University - CNRS IRCELYON, France*	S5 O27
DENG Jieren	*The Hong Kong Polytechnic University, China*	S5 P9
DÉSERT Anthony	*Laboratoire de Chimie ENS Lyon - Université Lyon 1 - CNRS, France*	S4 O17
DO Syou-P'heng	*Institut des Nanosciences de Paris (INSP), Sorbonne Université, France*	S2 O2
DONOEVA Baira	*Utrecht University, Netherlands*	S1 O44 / S1 P17
DRIDI Montacer	*IFREMER, France*	S2 O12
DULONG Clément	*MONARIS, UMR 8233, Sorbonne Université Sciences, France*	S4 O37
DUVAIL Jean-Luc	*Institut des Matériaux Jean Rouxel - UMR6502 CNRS-Université de Nantes, France*	S4 P6
ECHAVARREN Antonio	*Institute of Chemical Research of Catalonia (ICIQ), Barcelona Institute of Science and Technology, Spain*	*PLENARY*
EDELY Mathieu	*Institut des Molécules et Matériaux du Mans - UMR CNRS 6283 - Le Mans Université, France*	S2 O8
ERNANDES Cyrine	*Sorbonne Université, France*	S2 P3
ESPARZA Juan Uriel	*Sorbonne Université, France*	S2 P21
FAJERWERG Katia	*Laboratoire de Chimie de Coordination, CNRS University of Toulouse, France*	S1 O6
FATEIXA Sara	*University of Aveiro - CICECO, Portugal*	S2 P16
FEDERICI Antoine	*Phasics SA, France*	S2 O33
FENOUILLET Xavier	*CEMES-CNRS, France*	S4 O28
FENSTERBANK Louis	*Institut Parisien de Chimie Moléculaire (IPCM), Sorbonne Université, France*	
FIORIO Jhonatan	*IQ-USP, Germany*	S1 O27
FOLEY Stephen	*University of Saskatchewan, Canada*	S5 O18
FORTIN Marc-André	*Université Laval, Canada*	S3 O22
FRASER David	*BBI Solutions, United Kingdom*	
FROGNEUX Xavier	*LCMCP, France*	
FUJITA Takashi	*Research Center for Gold Chemistry, Graduate School of Urban Environmental Sciences, Tokyo Metropolitan University, Japan*	S3 O4
FUJITANI Tadahiro	*National Institute of Advanced Industrial Science and Technology (AIST), Japan*	S1 P8
FUNES-HERNANDO Daniel	*Institut des Matériaux Jean Rouxel (IMN), France*	S2 O15
GANG Oleg	*Columbia University and Brookhaven National Laboratory, United States*	S4 KN3
GAO Yanan	*Eindhoven University of Technology, Netherlands*	S1 O23
GARCÍA Hermenegildo	*Universidad Politécnica de Valencia, Spain*	S1 KN1
GARCÍA MARÍN Antonio	*Institute of Photonics and Electronics The Czech Academy of Sciences, Czech Republic*	S2 O39
GARIN François	*French Chemical Society (SCF), France*	
GATINEAU David	*Université Grenoble Alpes - CNRS, DCM (UMR 5250), France*	S5 O19
GAYET Elise	*Institut Langevin, France*	S2 P14
GENZELS Paulina	*University of Bristol, United Kingdom*	S5 P12
GHIMAN Raluca	*Babes-Bolyai University, Romania*	S3 P17
GIESSEN Harald	*University of Stuttgart, Germany*	S2 KN3
GIMENO Concepción	*ISQCH, CSIC-Universidad de Zaragoza, Spain*	S5 KN6
GLAIS Estelle	*LCMCP, Sorbonne Université, France*	S2 O34
GLESSI Cristiano	*University of Oslo, Norway*	
GO Gwang-Woong	*Hanyang University, South Korea*	
GOLDMANN Claire	*Laboratoire de Physique des Solides, France*	

Attendee	Institution	Code
GOODSON Theodore	*University of Michigan - Department of Chemistry, United States*	S2 O25
GRZELAK Kalina	*Adam Mickiewicz University in Poznan, Faculty of Chemistry, Poland*	S1 P10
GU Qingyi	*Laboratoire de Chimie, ENS de LYON, France*	S1 O43
GUESMI Hazar	*Institut Charles Gerhardt - UMR5253-Equipe MACS, France*	S1 O13
GUINCHARD Xavier	*CNRS - ICSN, France*	S5 O8
GUSTA Muriel F.	*Vall Hebron Institut de Recerca, Spain*	S3 P14
HALAS Naomi	*Rice University, United States*	*PLENARY*
HAMEED Mehavesh	*University of Sharjah, United Arab Emirates*	
HAMILTON Ian	*Wilfrid Laurier University, Canada*	S4 O40
HAMMOUTENE Dalila	*USTHB UNIVERSITY, Algeria*	S5 O25
HAMON Cyrille	*Laboratoire de Physique des Solides, France*	S4 O5
HAN Pengfei	*Queensland University of Technology, Australia*	S1 O34
HARBY Neil	*LBMA, United Kingdom*	
HARPER Matt	*University of Bristol, United Kingdom*	S5 O13
HASHMI A. Stephen	*Heidelberg University, Germany*	S5 O7
HEDDLE Jonathan	*Jagiellonian University - Malopolska Centre of Biotechnology, Poland*	S4 P3
HERRERA Raquel	*ISQCH, CSIC-Universidad de Zaragoza, Spain*	S5 O5
HIPPOLYTE Laura	*LCMCP - Sorbonne Université, France*	S4 O22
HITAISHI Vivek Pratap	*BIP CNRS-Aix Marseille Université, France*	S6 P1
HOLADE Yaovi	*ENS Chimie Montpellier - IEM, France*	S6 O8
HORÁČEK Matěj	*Eindhoven University of Technology, Netherlands*	S3 P3
HORNEBECQ Virginie	*Aix-Marseille Univeristy / CNRS, France*	S2 O24
HU David	*Laboratoire de Réactivité de Surface (LRS), Sorbonne Université, France*	S3 P1
HUEBNER Kristina	*Ludwig-Maximilians Universität München, Germany*	S2 O21 / S2 P13
HUMBERT Bernard	*Institut des Matériaux J Rouxel Nantes UMR 6502, France*	S2 O17
HUMBERT Christophe	*Laboratoire de Chimie Physique - Université Paris-Sud, France*	S2 O16
HUTCHINGS Graham	*Cardiff University, United Kingdom*	
IKKOUR Kahina	*UMMTO Tizi ouzou University, Algeria*	S1 P14
ISHIDA Tamao	*Tokyo Metropolitan University, Japan*	S1 O33
JACOB David	*Cordouan Technologies, France*	
JAIGUDE Yogita Rajendra	*Savitribai Phule Pune Universty, India*	S3 O24
JIANG Jia-Jun	*The Hong Kong Polytechnic University, China*	S5 P11
JIANG Xingyu	*National Center for NanoScience and Technology, China*	S3 KN3
JOHNSTON James	*Victoria University of Wellington, New Zealand*	S7 O4
JONIN Christian	*Institut Lumière Matière, France*	S2 O26
JOUVE Andrea	*Università degli Studi di Milano, Italy*	
JUN Li	*Department of Chemistry, Tsinghua University, China*	S1 O16
JUNJIE Shi	*Yantai University, China*	S1 O8
KAMEOKA Satoshi	*Tohoku University, Japan*	S1 O5
KAN Ryota	*Tokyo University of science, Japan*	S1 P2
KANARAS Antonios	*University of Southampton, United Kingdom*	S3 KN5
KARUTHAKKA Mehvesh	*University of Sharjah, United Arab Emirates*	S3 P19
KASKOW Iveta	*Adam Mickiewicz University in Poznan, Poland*	S1 P9
KAWAI Takeshi	*Tokyo University of Science, Japan*	S4 O6
KEEL Trevor	*World Gold Council, United Kingdom*	S7 KN1
KELLER Valérie	*ICPEES, University of Strasbourg, France*	S1 O36
KHERBOUCHE Issam	*Université Sorbonne Paris Cité, France*	S4 O21
KONISHI Katsuaki	*Hokkaido University, Japan*	S4 O38

Attendee	Institution	Code
KOPER Marc	*Leiden University, Netherlands*	S6 KN3
KOSAI Hitoshi	*Tanaka Kikinzoku Kogyo K.K., Japan*	
KRAHNE Roman	*Istituto Italiano di Tecnologia, Italy*	S2 O1
KRASNOSLOBODTSEV Alexey	*University of Nebraska at Omaha, United States*	S2 P20
KRAUSS Enno	*University of Wuerzburg, Experimental Physics 5, Nano-Optics and Bio-Photonics, Germany*	S6 O3 / S4 P7
KUNG Ka Yan Karen	*The Hong Kong Polytechnic University, China*	
KURIHARA Takao	*IMRA America, United States*	
KUWABATA Susumu	*Osaka University, Japan*	S4 O7
LAGUNA Mariano	*Spanich National Research Council CSIC - ISQCH, Spain*	S3 P13
LAHCENE Driss	*Laboratory of Chemistry and Environmental Science, Algeria*	S1 P16
ŁASZEWSKI Henryk	*LBPA, CNRS, ENS Paris-Saclay, France*	S3 P7
LAURENT Guillaume	*PPSM Lab, ENS Paris-Saclay, France*	S2 O3
LE GUEVEL Xavier	*Institute for Advanced Sciences/ University Grenobles Alpes-INSERM-CNRS, France*	S3 O1
LEARY Edmund	*University of Liverpool, United Kingdom*	S6 O1
LEE Dongil	*Yonsei University, South Korea*	S6 KN5
LEE Ju-Hyeon	*INSP, France*	S4 P8
LEE Suyeon	*Sorbone Université, Laboratoire MONARIS, UMR 8233, France*	S2 P10
LEQUEUX Médéric	*Laboratoire LRS UMR7197 Sorbonne Université, France*	S3 O16 / S2 P17 / S2 P18
LERMUSIAUX Laurent	*Monash University, Australia*	S4 O15 / S4 P1
LEVY Anna	*Institut des Nanosciences de Paris (INSP), UPMC - CNRS, France*	
LÉVY Raphaël	*Institute of Integrative Biology, University of Liverpool, United Kingdom*	S3 O5
LEWE Vanessa	*Organic Chemistry Institute, Johannes Gutenberg-University, Germany*	S5 O29
LEZNOFF Daniel	*Simon Fraser University, Canada*	S5 O23
LI Gao	*State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, CAS, Dalian, China*	S1 O25
LIMA João Carlos	*REQUIMTE-LAQV, Univ. NOVA de Lisboa, Portugal*	S5 O26
LIN Feng	*Gold Catalysis Research Center, State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China*	S1 O35
LIN Mingyue	*Tokyo Metropolitan University, Japan*	S1 O24
LIPPOLIS Vito	*Università degli Studi di Cagliari, Italy*	S5 P2
LIU Chang	*Sorbonne Université, INSERM, CNRS, Institut de la Vision, France*	S2 O31
LIU Chao	*Dalian Institute of Chemical Physics, CAS, China*	S4 O39
LIU Jiawen	*UPMC Paris 6, France*	
LIU Laura Na	*University of Heidelberg, Germany*	S4 KN4
LIZ-MARZÁN Luis	*CIC BiomaGUNE, Spain*	S4 O32
LOFFREDA David	*Laboratoire de Chimie UMR CNRS 5182 - Ecole Normale Supérieure de Lyon, France*	
LOJOU Elisabeth	*BIP CNRS-Aix Marseille Université, France*	S6 O9
LOUIS Catherine	*Laboratoire de Réactivité de Surface (LRS), Sorbonne Université, France*	
LYALIN Andrey	*National Institute for Materials Science (NIMS), Japan*	S6 O5
MADDALA Bala Gopal	*IITB-MONASH RESEARCH ACADEMY, India*	S2 P15
MADEBENE Bruno	*MONARIS, Sorbonne Université, France*	
MAHI Nabil	*Université Ziane Achour Djelfa, Algeria*	S2 P11
MAISONHAUTE Emmanuel	*Laboratoire Interfaces et Systèmes Electrochimiques (LISE), Sorbonne Université - CNRS, France*	

Attendee	Institution	Code
MAJIMEL Jérôme	*UGIEL (ICMCB/CNRS), France*	
MAJSTERKIEWICZ Karolina	*Malopolska Centre of Biotechnology, Jagiellonian University, Poland*	S4 O29
MANY Veronique	*Institut de Chimie de la Matière Condensée de Bordeaux, France*	S4 O25
MANZOLI Maela	*Department of Drug Science and Technology, University of Turin,Italy*	S1 O29
MARIN Laura	*University of Vigo, Spain*	S3 P10
MARINETTI Angela	*CNRS - Institut de Chimie des Substances Naturelles, France*	S5 O12
MARKESEVIC Nemanja	*Institut Langevin, ESPCI Paris, France*	S2 O36
MARTINEZ Thibaut	*Institut Parisien de Chimie Moléculaire - Team MACO, France*	S5 P6
MARTINO Umberto	*Université Paris Diderot, Paris 7, Laboratoire ITDODYS, France*	S4 O26
MARTROU David	*CNRS / CEMES / GNS, France*	S4 O30
MATHIS François	*Université Libre de Bruxelles (ULB), Belgique*	S7 O3
MAYET Nolwenn	*IC2MP, University of Poitiers, France*	S6 O7
MAYEVSKY Ari	*Monash University, Australia*	S4 O20
MAZOUZI Yacine	*M2, Mat-Nano-Bio (OP), France*	
MEDEGHINI Fabio	*UNIVERSITE DE LYON, France*	
MEENA Santosh Kumar	*École Normale Supérieure de Lyon, France*	S4 O35
MENDOZA Carlos	*Université de Liège, Belgium*	S2 O4
MICHELET Véronique	*Université Côte d'Azur - Institut de Chimie de Nice, France*	S5 KN2
MIMURA Naoki	*National Institute of Advanced Industrial Science and Technology (AIST), Japan*	S1 O41
MIRANDA Martin	*Nanocomposix Inc., United States*	S4 P22
MITICHE Sarra	*CEA Saclay - Université Paris Saclay, France*	S2 O7
MIVELLE Mathieu	*CNRS, Sorbonne université, INSP, France*	
MIYAJIMA Naoya	*Tokyo University of Science, Japan*	S4 P9
MKRTCHYAN Kristina	*Enikolopov Institute of Synthetic Ploymeric Materials, a foundation of Russian Academy of Sciences, Russia*	S4 P10
MOHAMED SAÏD Nasser	*Université de Bourgogne Franche-Comté, France*	S3 O11
MONNIER Virginie	*Institut des Nanotechnologies de Lyon / Ecole Centrale de Lyon, France*	
MOREAUD Laureen	*CEMES-CNRS, France*	S2 O10
MURAYAMA Haruno	*Kyushu University, Japan*	S1 P1
MURAYAMA Toru	*Research Center for Gold Chemistry, Tokyo Metropolitan University, Japan*	S1 O2
MURPHY Catherine	*University of Illinois at Urbana-Champaign, United States*	S2 O29
NADAL Elie	*LPCNO - INSA, France*	S4 O8
NAKAGAWA Makoto	*Tokyo University of Science, Japan*	S4 P11
NAKAMURA Isao	*National Institute of Advanced Industrial Science and Technology (AIST), Japan*	S1 P20
NAPPORN Teko W.	*University of Poitiers, IC2MP UMR 7285 CNRS, France*	S6 O6
NASRALLAH Ali	*Cardiff University, United Kingdom*	S1 O22
NASRALLAH Houssein	*Université de Bourgogne, France*	S4 P12
NAZI Nadia	*Laboratoire de Réactivité de surface, France*	S4 P13
NEGISHI Yuichi	*Tokyo University of Science, Japan*	S4 KN7
NEGRÍN Yoel	*University of Vigo, Spain*	S2 P2
NELAYAH Jaysen	*Université Paris Diderot, France*	
NELIAS Coline	*COVENTYA HOLDING SAS, France*	
NGUYEN Mai Thanh	*Hokkaido University, Faculty of Engineering, Japan*	S4 O9
NGUYEN Minh Chau	*Neurophotonics Laboratory, CNRS UMR 8250, Université Paris Descartes, France*	S2 O38
NIEDDU Mattia	*University of Cagliari, Italy*	S5 P10
NIKITINA Nadezhda	*Moscow State University, Russia*	S4 O41

Attendee	Institution	Code
NISHIGAKI Jun-Ichi	*Research Center for Gold Chemistry, Graduate School of Urban Environmental Sciences, Tokyo Metropolitan University, Japan*	S1 O48
NOBLE Sean	*University of South Carolina, United States*	S1 P15 / S4 P14
NOGUES Claude	*ENS PARIS SACLAY, France*	
OKUMURA Mitsutaka	*Department of Chemistry Graduate School of Science Osaka University, Japan*	S1 P21
OTOMALO Tadele O.	*Laboratoire de Photonique Quantique et Moléculaire, CentraleSupélec, France*	S2 P12
OUVRARD Aimeric	*CNRS - University Paris Saclay, France*	S4 O16
PALLUEL Marlène	*ICMCB - CNRS, France*	S5 P7
PALPANT Bruno	*CentraleSupélec, Laboratoire de Photonique Quantique et Moléculaire, France*	S2 O30
PANSU Brigitte	*Université Paris-Sud, France*	S4 KN1
PARMENTIER Tanja	*Cardiff University, United Kingdom*	S1 P18
PASQUATO Lucia	*Università di Trieste, Dep. of Chemical and Pharmaceutical Sciences, Italy*	S4 KN5
PASTORIZA-SANTOS Isabel	*University of Vigo, Spain*	S2 O14
PATANEN Minna	*University of Oulu, Finland*	S4 O10
PATTISSON Samuel	*Cardiff University, United Kingdom*	S1 O46
PEI Xiao-Li	*Institute of Chemical Research of Catalonia (ICIQ), Spain*	S5 O10
PELLETIER Frédéric	*Johnson Matthey, United Kingdom*	
PÉREZ-JUSTE Jorge	*University of Vigo, Spain*	S2 O23
PÉREZ-PARIENTE Joaquín	*Institute of Catalysis and Petroleum Chemistry (ICP-CSIC), Spain*	S7 O2 / S1 P4
PÉREZ-RAMIREZ Javier	*ETH Zurich, Switzerland*	S1 KN3
PERTSCHI Romain	*Université de Strasbourg, France*	S5 O9
PIELLA Jordi	*Catalan Institute of Nanoscience and Nanotechnology (ICN2), Spain*	S4 P23
PISSUWAN Dakrong	*Materials Science and Engineering Program, Multidisciplinary Unit, Faculty of Science Mahidol University, Bangkok, Thailand*	S3 O3 / S3 P21
PLAN Anouchka	*MSC and LVTS, France*	S3 O12
PLUCHERY Olivier	*Institut des Nanosciences de Paris (INSP), Sorbonne Université, France*	
POLMAN Albert	*AMOLF, Center for Nanophotonics, Netherlands*	S2 KN2
POPOVTZER Rachela	*Faculty of Engineering and the Institute of Nanotechnology and Advanced Materials, Israel*	S3 KN6
PORRET Estelle	*Institute for Advanced Biosciences, France*	S3 P8
PORTALES Hervé	*Sorbonne Université, France*	S2 O28
POUGET Emilie	*CNRS / Bordeaux University, France*	S4 O2
PRATI Laura	*università degli studi di milano, Italy*	S1 O42
PUNTES Victor	*Catalan Institute of Nanoscience and Nanotechnology, Spain*	S4 KN6
QI Caixia	*Yantai University, China*	S1 O31 / S1 P5 / S1 P13
QUIDANT Romain	*ICFO, Spain*	S2 KN5
REDEKOP Evgeniy	*University of Oslo, Norway*	S1 O7
REHBOCK Christoph	*University of Duisburg-Essen, Germany*	S3 O20
REMITA Hynd	*Université Paris-Sud, France*	S1 KN4
REN Bin	*Xiamen University, China*	S2 KN4
RESSIER Laurence	*INSA - LPCNO, France*	
RETOUT Maurice	*Université libre de Bruxelles, Belgium*	S3 P2
RIBOT François	*LCMCP, Sorbonne Université - CNRS - Collège de France, France*	
RIGOULET Mathilde	*Université Paul Sabatier - LHFA, France*	S5 O20
RIVALTA Ivan	*CNRS - ENS Lyon, France*	

Attendee	Institution	Code
ROACH Lucien	*University of Leeds, United Kingdom*	S4 P16
RODIO Marina	*Hamburg Centre for Ultrafast Imaging (CUI); Physical Chemistry Department, Hamburg University, Germany*	S1 O39
RODRIGUEZ Laura	*University of Barcelona, Spain*	S5 O21
ROIG David	*French Chemical Society (SCF), France*	
ROMANO Luca	*COVENTYA HOLDING SAS, France*	
ROMANOV Alexander	*University of East Anglia, United Kingdom*	S5 O24
ROSSI Liane	*University of São Paulo, Brazil*	S1 O30
ROUBAUD Gauthier	*Institut Langevin, France*	S2 O9
ROUDIER Lydia	*UGIEL (ICMCB/CNRS), France*	
ROUX Stéphane	*Université de Bourgogne Franche-Comté, France*	
RUSSELL Christopher	*University of Bristol, United Kingdom*	S5 O16
SAINT-LAGER Marie-Claire	*Institut Néel - CNRS, France*	S1 O10
SAKURAI Hidehiro	*Division of Applied Chemistry, Graduate School of Engineering, Osaka University, Japan*	S1 O28
SASAKI Yuji C.	*Graduate School of Frontier Sciences, The University of Tokyo, Japan*	S3 O19
SAVIOT Lucien	*Laboratoire Interdisciplinaire Carnot de Bourgogne, France*	
SCHEER Elke	*University of Konstanz, Germany*	S6 KN1
SCHMIDT Thorsten-Lars	*Center for Advancing Electronics Dresden (cfaed) / TU Dresden, Germany*	S2 O6
SCHULZ Florian	*University of Hamburg, Germany*	S4 O4
SCHWERDTFEGER Peter	*New Zealand Institute for Advanced Study, Auckland, New Zealand*	S5 O17
SCOTT Samuel	*University of Bristol, United Kingdom*	
SEPPÄNEN Otto	*University of Helsinki, Finland*	S5 P13
SHAHIN Zahraa	*Claude Bernard University-Lyon1-France, France*	S1 O1
SHARMA Geetarani	*Department of Chemistry, S. P. Pune University, India*	S3 P4
SHARMA Nipun	*Laboratoire Hubert Curien, France*	S4 P17
SHI-EN Fu	*National Taiwan University of Science and Technology, Taiwan (Roc)*	S1 O14
SHIN Seunghoon	*Hanyang University, South Korea*	S5 O1
SHIRMAN Tanya	*Harvard University, United States*	S1 O3
SKURSKI Janice	*IMRA America, United States*	
SLEJKO Emanuele Alberto	*University of Trieste, Italy*	S4 O24
SODENAGA Ryusei	*Tokyo Metropolitan University, Japan*	S1 P19
SOLDO-OLIVIER Yvonne	*CNRS, France*	S4 O18
STEBUNOV Yury	*Moscow Institute of Physics and Technology, Russia*	S3 O18
STELLACCI Francesco	*Ecole Polytechnique Fédérale de Lausanne, Switzerland*	S3 KN1
SUJIN Jiracheewanun	*School of Industrial Education and Technology, King Mongkut's University of Technology Thonburi, Thailand*	S2 P9
SYLGACHEVA Daria	*Lomonosov Moscow State University, Russia*	S2 O13 / S2 P5
TAITT Rachael	*Université de Lyon, Institut des Nanotechnologies de Lyon UMR CNRS 5270, France*	S3 O21
TAKETOSHI Ayako	*Research Center for Gold Chemistry, Tokyo Metropolitan University, Japan*	S1 O47
TARRAT Nathalie	*CEMES-CNRS, France*	
TEMPEZ Agnès	*HORIBA FRANCE SAS, France*	S2 O19
TESTARD Fabienne	*CEA, France*	S4 O33 / S4 P2
TETSUYA Shishido	*Department of Applied Chemistry, Graduate School of Urban Environmental Sciences, Tokyo Metropolitan University, Japan*	S1 O32
THAI Thibaut	*Leibniz Institute for New Materials (INM), Germany*	S3 P18
THIERY Lionel	*COVENTYA HOLDING SAS, France*	

Attendee	Institution	Code
TILSET Mats	*University of Oslo, Norway*	S5 O22
TINAT Lionel	*LCMCP, France*	
TO Wai Pong	*The University of Hong Kong, China*	
TOKUNAGA Makoto	*Kyushu University, Japan*	S7 O1
TOMANE Somia	*Institut Lavoisier de Versailles, UVSQ, CNRS, Université Paris-Saclay, France*	S3 P12
TORIGOE Kanjiro	*Tokyo University of Science, Japan*	S6 P2
TOUZALIN Thomas	*LISE, CNRS - Sorbonne Université, UMR8235, France*	S6 O4
TREGUER-DELAPIERRE Mona	*ICMCB-CNRS, University of Bordeaux, France*	S4 O36
TRINH Kelly	*M2, Mat-Nano-Bio (OP), France*	
VAN DER HOEVEN Jessi	*Utrecht University, Netherlands*	S1 O11 / S4 O1
VAUTRAVERS Nicolas	*BASF SE, Germany*	
VAYER Marie	*Université Paris Sud, France*	S5 O6
VIAL Stephanie	*Satt Paris Saclay, France*	S3 O14
VIAU Guillaume	*INSA, France*	S4 O3
VOITURIEZ Arnaud	*CNRS-ICSN, France*	S5 O2
VOTTE Guillaume	*ESPCI SIMM, France*	S4 P18
VU Thi Thiet	*Institut de Chimie de la Matière Condensée de Bordeaux, France*	
WALLACE Joseph	*University of Liverpool, United Kingdom*	S3 P5
WANG Yuyang	*Eindhoven University of Technology, Netherlands*	S2 O37
WATKINS William	*Institut des NanoSciences de Paris, Sorbonne Université, CNRS, France*	S2 O5 / S2 P1
WEICHELT Richard	*Technische Univeristät Dresden, Germany*	S4 O13
WENGER Jérôme	*Aix-Marseille Univeristy / CNRS, France*	S2 KN8
WILHELM Claire	*Université Paris Diderot, France*	S3 KN4
WITTHÖFT Phillip	*University of Hamburg, Germany*	S3 O10
WITZEL Sina	*Ruprecht-Karls-University Heidelberg, Germany*	S5 O31
WOLSKI Lukasz	*Adam Mickiewicz University in Poznań, Poland*	S1 O17
WONG Man Kin	*The Hong Kong Polytechnic University, China*	S5 O28
WONG Michael	*Rice University, United States*	S1 KN5
XIA Zhonghua	*Sorbonne Universite, France*	S5 O32
XIAO Qi	*CSIRO Manufacturing, Australia*	S1 O40
XIAO Xiaofei	*Imperial College London, United Kingdom*	S2 P4
YAKUBOVSKY Dmitry	*Moscow Institute of Physics and Technology, Russia*	S2 P8
YAN Jialin	*Springer Verlag GmbH, Germany*	
YIP Wai Ming	*The Hong Kong Polytechnic University, China*	S5 P4
YU Huanan	*University of Hull, China*	S4 P19
YU Qi	*Shaanxi University of Technology, China*	S4 P20
ZAHRAOUI Brahim	*Laboratory of Chemistry and Environmental Science, University Tahri Mohamed of Bechar, Algeria*	S1 P6
ZANELLA Rodolfo	*Center for Applied Sciences and Technological Development-UNAM, Mexico*	S1 O21
ZENG Zhongyi	*Heidelberg University, Germany*	S5 P3
ZHANG Liming	*University of California Santa Barbara, United States*	S5 KN3
ZHANG Lu	*Laboratoire de réactivité de surface, Sorbonne Université, France*	S3 O15
ZHANG Xiao	*Dalian University of Technology, China*	
ZHANG Zhifeng	*Department of Chemistry, The University of Hong Kong, China*	S5 P1
ZHENG Yuhua	*Yantai University, China*	
ZOTTI Linda Angela	*Universidad Autónoma de Madrid, Spain*	S6 P4
ZOUBIR Arnaud	*ALPhANOV, France*	S2 O22

Practical information

Regsitration desk - Auditorium Hall (-1)

Sunday 15 July	> 15:30 - 19:00	Tuesday 17 July	> 08:15 - 17:30
Monday 16 July	> 08:15 - 19:00	Wednesday 18 July	> 08:15 - 16:00

Badges info

For security reasons, **you are required to wear your conference/exhibitor badge** at all times while at the Conference.

> Conference and exhibitor badges give access to sessions, coffee breaks, lunches.

Cloakroom

No cloakroom or baggage service will be proposed on Sunday 15 July.
We suggest that you leave your belongings at your hotel.

> For 'Lost and found' items: please check at the registration desk.

Special offer for visiting the Mineral Collection of Sorbonne Université

Free access for the GOLD 2018 participants, to the museum of Sorbonne Université: discover the mineral collection of Sorbonne that was created in 1822 and which is among the oldest and most remarkable in the world

Opening hours > **Monday 16, Tuesday 17** and **Wednesday 18 July from 13:00 to 18:00.**

Collection de minéraux
Sorbonne Université

> www.collection-mineraux.upmc.fr

Lunch & Coffee breaks

Every day from 12:15 to 13:45, **a buffet lunch will be served in the outdoor patio.The coffee breaks will take place both in the Conference hall (-1)** and **in the patio.**

Morning break	> 10:00 - 10:30
Afternoon break	> 15:30 - 16:00

Dress code

The dress code for the conference and social events is informal.

Language

English is the official language of the conference.

Conference venue

Campus Pierre et Marie Curie of Sorbonne Université
4 place Jussieu - 75005 Paris, France

Access by public transport

METRO LINE 7 1 10:
Jussieu metro station

BUS:Jussieu station
Bus 24 & 63:
Université Paris 6 station /
Bus 86 & 87: Institut du Monde Arabe station

Campus de Jussieu
Patio

List of Exhibitors

Patio:

> Anton Paar
> Cordouan/Eden
> Conventya
> Haruta Gold Inc.
> Horiba
> IMRA
> Nanocomposix Inc.
> Or-Nano
> Société Chimique de France
> Schaefer Techniques
> Sona Nanotech

Auditorium Hall (-1):

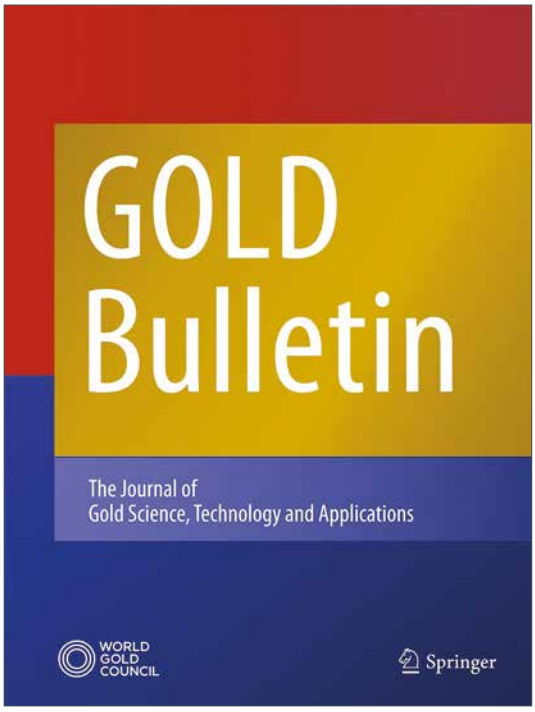
> Springer-Verlag
> World Scientific

Questions?

Should you have questions or require help, please ask at the registration desk or contact our wonderful team of volunteers (wearing blue T-shirts)!

Notes

Notes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Organizers

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