The Programme

Time	Program for September 24	Chair
08:00-08:20	**Opening remark**	
08:20-09:00	$E = MC^2$: A Perspective (Opening Keynote) **Boon K Teo**, *Xiamen University*	Hannu Häkkinen
09:00-09:35	Characterization of Ligand-Protected Gold and Silver Clusters in Gas Phase (Invited) **Tatsuya Tsukuda**, *The University of Tokyo*	
09:35-10:10	Advance Fundamental Understandings of Nano-Physiology with Gold Clusters (Invited) **Jie Zheng**, *The University of Texas at Dallas*	
10:10-10:40	**Coffee Break/Group Photo**	
10:40-11:15	Ligand Engineering toward Structural and Functional Control of Metal Nanoclusters (Invited) **Quan-Ming Wang**, *Tsinghua University*	De-en Jiang
11:15-11:50	Vibrational properties of thiolate-protected metal clusters (Invited) **Thomas Bürgi**, *University of Geneva*	
11:50-12:10	Atomistic Insight into Stability of Gold Nanocluster Superstructures (Oral) **Emmi Pohjolainen**, *University of Jyväskylä*	
12:10-14:00	**Lunch & Poster**	
14:00-14:35	Synthetic and Postsynthetic Chemistry of Silver Monolayer-protected Clusters (Invited) **Terry Bigioni**, *University of Toledo*	Tatsuya Tsukuda
14:35-15:10	Cations Controlling the Chiral Assembly of Luminescent Atomically Precise Copper(I) Clusters (Invited) **Shuang-Quan Zang**, *Zhengzhou University*	
15:10-15:45	Toward Total Synthesis of Thiolate-Protected Metal Nanoclusters (Invited) **Jianping Xie**, *National University of Singapore*	

15:45-16:05	Deracemization of Au_{38} Clusters: Breaking the Equal Status and Dynamic Inversion of Enantiomers (Oral) **Yanan Wang**, *University of Geneva*	
16:05-16:30	**Coffee Break**	
16:30-17:05	Luminescence and Electron Dynamics in Thiolate-Stabilized Gold Nanoparticles (Invited) **Christine Aikens**, *Kansas State University*	Thomas Bürgi
17:05-17:40	Superatom under Pressure (Invited) **De-en Jiang**, *University of California, Riverside*	
17:40-18:00	Surface-Regulated Ultrasmall Luminescent Metal Nanoparticles for Bioimaging (Oral) **Jinbin Liu**, *South China University of Technology*	
18:00-18:20	Gold nanoclusters as novel fluorescence probes for biological applications (Oral) **Li Shang**, *Northwestern Polytechnical University*	
18:30-21:00	**Banquet**	

Time	Program for September 25	Chair
08:00-08:35	Cluster Aggregation Events Causing Optical Perturbations (Invited) **Katsuaki Konishi**, *Hokkaido University*	Quan-Ming Wang
08:35-09:10	Coherent electron dynamics in monolayer-protected clusters (Invited) **Kenneth L. Knappenberger, Jr.** The Pennsylvania State University	
09:10-09:30	Increasing the Photosensitization Efficiency of $Au_{25}(SR)_{18}$ (Oral) **Mikhail Agrachev**, *University of Padova*	
09:30-09:50	Atomically Precise Metal Nanoclusters as Photosensitizers for Light-harvesting and Energy Conversion (Oral) **Yu Wang**, *Humboldt-Universität zu Berlin*	
09:50-10:20	**Coffee Break**	
10:20-10:55	Understanding the growth mechanism of transition-sized thiolated gold nanoclusters (Invited) **Manzhou Zhu**, *Anhui University*	Chris Ackerson
10:55-11:30	Application of Alloy and Platinum Clusters (Invited) **Yuichi Negishi**, *Tokyo University of Science*	
11:30-11:50	Toward Understanding Growth and Functionalization Pathways of Metal Nanoclusters at the Molecular and Atomic Levels (Oral) **Qiaofeng Yao**, *National University of Singapore*	
11:50-12:10	Computational Investigation of the atomic structure of DNA-silver clusters (Oral) **Xi Chen**, *Aalto University*	
12:10-14:00	**Lunch & Poster**	
14:00-14:35	Recent Advances in Ligand Exchange on MPCs (Invited) **Christopher J. Ackerson**, Colorado State University	Katsuaki Konishi,
14:35-15:10	Structural Analysis of Metal Nanoclusters by X-ray Spectroscopy (Invited) **Peng Zhang**, *Dalhousie University*	

15:10-15:30	Covalently linked multimers of thiolate-stabilized gold clusters **Karolina Sokołowska**, *University of Jyväskylä*	
15:30-15:50	Ligated Coinage Metal (Cu/Ag) Hydride Nanoclusters (Oral) **Cunfa Sun**, Xiamen University	
15:50-16:20	**Coffee Break and Poster**	
16:20-16:55	Dichalcogenolates-Protected Superatomic Nanoclusters and Their Alloys (Invited) **Chen-Wei Liu**, *National Dong Hwa University*	Peng Zhang
16:55-17:30	On the Anti-galvanic Reduction (Invited) **Zhikun Wu**, *Institute of Solid State Physics, Chinese Academy of Sciences*	
17:30-17:50	Atomically Precise, Thiolated copper-hydride Nanoclusters as Single-site Hydrogenation Catalysts for Ketones in Mild Conditions (Oral) **Nisha Mammen**, *University of Jyväskylä*	
17:50-18:10	N-Heterocyclic Carbene-Stabilized Metal Nanoclusters (Oral) **Hui Shen**, Xiamen University	
18:30-	**Dinner**	

Time	September 26	Chair
08:00-08:35	3-MBA protected gold nanoparticles as cellular markers (Invited) **Maia Azubel**, *Stanford Medical School, Stanford*	Chen-Wei Liu
08:35-09:10	$[Ag_{48}(C{\equiv}CtBu)_{20}(CrO_4)_7]$: An Atomically Precise Silver Nanocluster Co-Protected by Inorganic and Organic Ligands (Invited) **Di Sun**, *Shandong University*	
09:10-09:30	Unravelling the Formation Mechanism of Alkynyl Protected Gold Clusters: A Case Study of Phenylacetylene Stabilized Au_{133} Molecules (Oral) **Zhenghua Tang**, *South China University of Technology*	
09:30-09:50	"Non-conservation of parity" in chiral nanoclusters (Oral) **Huayan Yang**, *University of Geneva*	
09:50-10:20	**Coffee Break**	
10:20-10:55	Controllable Synthesis and Reactivity Studies of Organometallic Clusters (Invited) **Liang Zhao**, *Tsinghua University*	Boon K. Teo
10:55-11:15	Insights into nanocluster-surface interaction and reactivity (Oral) **Noelia Barrabés**	
11:15-11:55	Closing keynote **Hannu Häkkinen**, *University of Jyväskylä*	
12:15-18:00	**Box lunch + Excursion (Gulangyu Island)**	