Symposium Program

Saturday to Sunday, May 12-13, 2018

Registration (CCME)

Monday, May 14, 2018

08：00-08：30 Registration (CCME)
08：30-09：00 Opening Ceremony and Photo Time.
Chair: Prof. Wen-Bin Zhang & Prof. Peter Kelly
Speakers: Prof. Yiqin Gao, Prof. Yuguo Ma,
Prof. Alexandra Navrotsky
Group Photo at the Lobby of Building A of CCME

09：00-12：05 Lectures (CCME Central Multifunctional Room)

Time	Lectures
Chair	**Prof. Peng Chen**
09:00-09:25	**Alexandra Navrotsky,** UC-Davis, (**IL-01**) Thermochemical studies of metal organic frameworks
09:25-09:50	**Li-Tang Yan,** Tsinghua University, (**IL-02**) Transport of Two-Dimensional Nanomaterials Sandwiched inside Cell Membrane
09:50-10:15	**Kristie Koski,** UC-Davis, (**IL-03**) Chemically tunable 2D Materials
10:15-10:35	**Student Posters' Elevator Pitch (P-1 to P-5, 3 min each)**
10:35-10:50	**Coffee Break & Poster & Discussions**
Chair	**Prof. Gang-yu Liu**
10:50-11:15	**Peter B. Kelly,** UC-Davis, (**IL-04**) Chemistry of atmospheric particles
11:15-11:40	**Yongquan Qu, Xi'an Jiaotong University, (IL-05)** Surface Regulations of CeO2 for Heterogeneous Catalysis
11:40-12:05	**Davide Donadio, UC-Davis, (IL-06)** Characterization of the surface of ice: an atmospheric chemistry catalyst

12：05-14：00 Lunch and discussions (CCME A917)
14：00-17：15 Lecture (CCME Central Multifunctional Room)

Time	Lectures
Chair	**Prof. Wen-Bin Zhang**
14:00-14:25	**Shu Wang,** ICCAS, (**IL-07**) Conjugated Polymer-Based Assembly Materials for Biomedical Applications
14:25-14:50	**James Link,** Princeton, (**IL-08**) Mining Genomes for Lasso Peptides
14:50-15:15	**Hua Lu,** PKU, (**IL-09**) Macrocyclization of Site-Specific Protein-Poly(a-amino acid) Conjugates
15:15-15:35	**Student Posters' Elevator Pitch (P-6 to P-10, 3 min each)**
15:35-16:00	**Coffee Break & Poster & Discussions**
Chair	**Prof. Peter Kelly**
16:00-16:25	**Guoqiang Yang,** ICCAS, (**IL-10**) Organic boron compounds as novel fluorescent probes
16:25-16:50	**Matthew P. Augustine,** UC-Davis, (**IL-11**) Using Mobile NMR Spectroscopy to Study Chemical Problems in a Factory Environment
16:50-17:15	**Wen-Bin Zhang,** PKU, (**IL-12**) Genetically Encoded Click Chemistry: New Tools for Protein-based Materials

18：00-20：00　Banquet

Tuesday, May 15, 2018

08：30-12：15　Lecture (CCME Central Multifunctional Room)

Time	Lectures
Chair	**Prof. Hua Lu**
08:30-08:55	**Peng Chen,** PKU, (**IL-13**) Bioorthogonal Cleavage Reactions in Living Systems
08:55-09:20	**Sheila S. David,** UC-Davis, (**IL-14**) The Secret Life of the Genome: Repair of DNA base modifications
09:20-09:45	**Guifang Jia,** PKU, (**IL-15**) Reversible RNA Adenosine Methylation in Plant Biological Regulation
09:45-10:10	**Annaliese Franz,** UC-Davis, (**IL-16**) Sustainable Production of Biofuels and Bioproducts from Microalgae

10:10-10:30	**Student Posters' Elevator Pitch (P-11 to P-15, 3 min each)**
10:35-10:50	**Coffee Break & Poster & discussions**
Chair	**Prof. Sheila S. David**
10:50-11:15	**Dehai Liang,** PKU, (**IL-17**) Non-equilibrium protocell models with "living" features
11:15-11:40	**Kyle N. Crabtree,** UC-Davis, (**IL-18**) Microwave spectroscopy for chemical kinetics and laboratory astrophysics
11:40-12:05	**Ting Guo,** UC-Davis, (**IL-19**) Energy Transfer in the X-ray Regime: X-ray Induced Energy Transfer (XIET)

12：15-14：00 Lunch and Discussions (CCME A917)
14：00-17：15 Lecture (CCME Central Multifunctional Room)

Time	Lectures
Chair	**Prof. Peng Zou**
14:00-14:25	**Xuefeng Guo,** PKU, (**IL-20**) Single-Molecule Electrical Detection
14:25-14:50	**Wei Xiong,** UCSD, (**IL-21**) Ultrafast Direct Electron Transfer at Organic Semiconductor and Metal Interfaces
14:50-15:15	**Ying Jiang,** PKU, (**IL-22**) Probing interfacial water at submolecular level by scanning probe microscopy
15:15-15:35	**Student Posters' Elevator Pitch (P-16 to P-20, 3 min each)**
15:35-16:00	**Coffee Break & Poster & Discussions**
Chair	**Prof. Kyle N. Crabtree**
16:00-16:25	**Gang-yu Liu,** UC-Davis, (**IL-23**) New Advances in 3D Nanoprinting
16:25-16:50	**Peng Zou,** PKU, (**IL-24**) Hybrid Voltage Indicators for Imaging Neural Activity

16：50-17：10 Poster Award & Closing Remarks
Prof. Wei Xiong (UCSD to host next 10+10 in 2020)
Prof. Peng Zou (next PKU organizer)
18：00-20：00 Dinner

Student Posters

Number	Presenter & Title
P-1	**Wei Tang,** Spatially specific RNA profiling via Chromophore-assisted proximity tagging (CAP-tag)
P-2	**Jinsong Yuan,** Salt- and pH-Triggered Helix−Coil Transition of Ionic Polypeptides under Physiology Conditions
P-3	**Yajie Liu,** Tuning SpyTag-SpyCatcher reaction toward orthogonal reactivity encryption
P-4	**Yongxian Xu,** Hybrid Indicators for Fast and Sensitive Voltage Imaging
P-5	**Pengfei Jin,** Janus [3:5] polystyrene-polydimethylsiloxane star polymers with a cubic core
P-6	**Wenhao Wu,** Topology engineering of proteins in vivo using SpyX interlocking modules
P-7	**Ruixuan Wang,** Local Transcriptome Analysis via Chemical Activated Proximity-specific Ribosome Profiling
P-8	**Guangzhong Yin,** Synthesis of water-soluble and clickable fullerene derivatives: Ready access to C60-Protein conjugates
P-9	**Yuguang Chen,** Self-Divided Droplets on Liquid Surface
P-10	**Zhongyu Zou,** Analysis of Transcriptome on the Spatial and Temporal Dimensions
P-11	**Lianhuan Wei,** The m6A Reader ECT2 Controls Arabidopsis Trichome Morphology by Affecting mRNA Stability
P-12	**Xiaodi Da,** Concise synthesis of protein heterocatenanes via “active template” strategy
P-13	**Nan Chen,** Chemical Proteomic Profiling of N-homocysteinylation with a Thioester Probe
P-14	**Yuxin Fang,** Glycosylase Engineering for The Detection of Oxidative Lesions in DNA
P-15	**Yi Li,** Proximity-dependent labeling in yeast cell via engineered ascorbate peroxidase II
P-16	**Han Wu,** Tiling Structures from Shape Amphiphiles
P-17	**Chenmaya Xia,** Non-blinking single molecule detection in a carbon nanotube by surface-enhanced raman scattering
P-18	**Ran Li,** Analysis of transcriptome on the spatial and temporal dimensions
P-19	**Wei Chen,** Enrichment and detection of low-abundance mutations based on an artificial specific endonuclease
P-20	**Yu Shao,** Synthesis and self-assembly of tri-block shape amphiphile regio-isomers