

Oral Presentation, 10<sup>th</sup> (Fri) Feb.

No.	Time	Event	
1	8:40~9:00	<b>[Opening Remark]</b> Prof. Takashige Omatsu (Chiba Univ.)	
2	9:00~9:30	<b>Prof. Hiroaki Ito (Chiba Univ.)</b> <i>On-chip Manipulation Platform for Deformability Measurements of Red Blood Cells</i>	Session Chair  Prof. Jiyong Park (Ajou Univ.)
3	9:30~10:00	<b>Prof. Jun-Won Rhim (Ajou Univ.)</b> <i>Quantum geometry in flat band systems with singularities</i>	
4	10:00~10:30	<b>Prof. Ken Morita (Chiba Univ.)</b> <i>Electron spin state with azimuthal phase factor in extended Bloch sphere</i>	
5	10:30~11:00	<b>Prof. Hosung Seo (Ajou Univ.)</b> <i>Decoherence of nitrogen-vacancy spin ensembles in diamond in the nitrogen electron-nuclear spin bath</i>	
	11:00~11:15	Coffee Break	
6	11:15~11:45	<b>Prof. Jae-Ung Lee (Ajou Univ.)</b> <i>Optical Investigations of Atomically Thin Materials</i>	Session Chair  Prof. Takashige Omatsu (Chiba Univ.)
7	11:45~12:15	<b>Prof. Hirofumi Hidai (Chiba Univ.)</b> <i>Laser-induced metal sphere movement in glass</i>	
	12:15~14:30	Lunch Break / Poster session (Sho-in Hall)	
8	14:30~15:00	<b>Prof. Hyungwoo Lee (Ajou Univ.)</b> <i>Stochastic Charge Trapping in Oxide Heterostructures: A novel way to exploit point defects</i>	Session Chair  Prof. Shiki Yagai (Chiba Univ.)
9	15:00~15:30	<b>Prof. Keiki Kishikawa (Chiba Univ.)</b> <i>Axially Polar Ferroelectric Columnar Liquid Crystal Phase of a Chiral Diphenylurea</i>	
10	15:30~16:00	<b>Prof. Sungjun Park (Ajou Univ.)</b> <i>Ultra-flexible and skin-compatible organic electronic devices</i>	
11	16:00~16:30	<b>Prof. Sungju Yu (Ajou Univ.)</b> <i>Activating endoergic reactions with hot-electron chemistry</i>	
	16:30~16:45	Coffee Break	
12	16:45~17:15	<b>Prof. Ju-Hyung Kim (Ajou Univ.)</b> <i>Interfacial interactions of conjugated organic molecules on noble metal surfaces</i>	Session Chair  Prof. Hwanmyung Kim (Ajou Univ.)
13	17:15~17:45	<b>Prof. Siki Yagai (Chiba Univ.)</b> <i>Curved Molecular Aggregates: Toward Mesoscale Molecular Science</i>	
14	17:45~18:15	<b>Prof. Koji Ito (Chiba Univ.)</b> <i>Molecular and Functional Analysis of myosin with chiral activity</i>	
15	18:15~18:35	<b>[Closing Remark]</b> Prof. Hyeyoung Jang (Ajou Univ.)	
	19:00~	Conference Dinner (Faculty only), Sushi Kappou MIDORI	

**Poster Session, 10<sup>th</sup> (Fri) Feb. 13:00-14:30**

- P-1 Jungseok Choi, Taewan Kim, Seongju Ha, Yoon Seong Heo, Jaeung Lee, Dong-Il Yeom (Ajou Univ.)  
*Study of Second Harmonic Generation in Side-polished Fiber Integrated with Monolayer WS<sub>2</sub>*
- P-2 Azumi Akiyama, Michinari Kohri, Keiki Kishikawa (Chiba Univ.)  
*A Room-Temperature Ferroelectric Columnar Liquid Crystal*
- P-3 Mi-hyun Lee, Heemin Byeon, and Hye-Young Jang (Ajou Univ.)  
*Ir(triNHC)-Catalyzed Production of Hydrogen and AHAs from Biomass Derivative Ethylene Glycol*
- P-4 Koki Tanoue, Hisao Ishii, Takayuki Miyamae (Chiba Univ.)  
*Molecular rearrangements at the Indigo/TTC interface and their relationship of semiconductor ordering*
- P-5 Sanghyuk Lee, Sungju Yu (Ajou Univ.)  
*Collecting hot carriers from slow light*
- P-6 Tianshun Xie, Kazuki Fukuda, Mengnan Ke and Nobuyuki Aoki (Chiba Univ.)  
*Application of laser-induced doping for TMDC-based TFET fabrication*
- P-7 Jaemin Ryu, Juneseo Park, Sungju Yu (Ajou Univ.)  
*Solar Hydrogen Evolution Reaction with Atomic Scale Pt catalysts*
- P-8 Kyosei Ishii, Toyo Kazu Yamada (Chiba Univ.)  
*STM Study of Kondo Resonance Variation using Single Phthalocyanine Molecules*
- P-9 Hae-nam Choi, Hee-Seong Yang, Ju-Hyung Chae, In-Hwan Lee (Ajou Univ.)  
*Synthesis of Rod-Coil Block Copolymers from Coil-Type Macroinitiators and Optimization of Alcohol Functionalized Suzuki-Miyaura Catalyst-Transfer Polycondensation (SCTP) Initiator*
- P-10 K. C. Seetha Lakshmi, Takayoshi Arai (Chiba Univ.)  
*Development of Chiral BINOL-derived Halogen Bonding with Hydrogen Bonding Catalyst*
- P-11 Da-Seul Kim, Ju-Hyeong Kim (Ajou Univ.)  
*Fabrication of random nanostructured ITO thin film via spray coating and application as a multi-functional electrode*
- P-12 Balaraman Vedhanarayanan, Ryoma Tsuchida, Shiki Yagai (Chiba Univ.)  
*Tuning of Supramolecular Chirality via Hydrogen-bonded Hexameric Rosettes*

- P-13 Myeong Gun Kim, Ju Hyung Kim (Ajou Univ.)  
*Facile fabrication of micro-supercapacitors via soft lithography*
- P-14 Kohei Yoshimura, Suguru Sato, Asuka Yamaguchi, Takeshi Haraguchi, Takuma Imi, Chinami Maeda, Kenji Matsuno, Kohji Ito (Chiba Univ.)  
*MyosinIC and MyosinID subdomain-dependent formation of left-right asymmetry in Drosophila*
- P-15 Dongjoon Shin, Inho Lee, Sungjun Park (Ajou Univ.)  
*High performance Organic electrochemical transistor Based on Laser-cutting method*
- P-16 Kazumasa Oya, Akira Matsuura (Chiba Univ.)  
*Haploinsufficiency of the sex-determining genes at MATa restricts genome expansion in Saccharomyces cerevisiae*
- P-17 Inho Lee, Dongjoon Shin, Sungjun Park (Ajou Univ.)  
*Ultraflexible vertical structured organic electrochemical transistors (OECTs) for skin-compatible ECG sensors*
- P-18 Taisei Yamamoto, Satoshi Yasuda, Rinshi S. Kasai, Mitsunori Shiroishi, Masahiro Kinoshita, Takeshi Murata (Chiba Univ.)  
*Creating mutants of GPCRs stabilized in active state by combining statistical thermodynamics and evolutionary molecular engineering*
- P-19 Ryota Kaimori, Ryotaro Nakazawa, Masaya Kitaoka, Manato Tateno, Hisao Ishii (Chiba Univ.)  
*Observation of Electronic Structure of Accumulated Charges in Organic Semiconductors by Photoelectron Measurement*
- P-20 Arata Tomita, Adam Vallés, Katsuhiko Miyamoto, Takashige Omatsu (Chiba Univ.)  
*Laguerre-Gaussian modes create vortex reliefs in azo-polymers*
- P-21 Haruki Kawaguchi, Kanta Takahashi, Rong Wie, Katsuhiko Miyamoto, Takashige Omatsu (Chiba Univ.)  
*High-definition direct print of metallic nanoink with optical vortex*