CEMSupra 2018 Program

January 9 (Tue)

13:00–13:10 **Opening Remarks**
Takuzo Aida (RIKEN CEMS)

*Chairperson: Takuzo Aida*

13:10–13:50 **Invited Lecture (L-01)**
Chad Mirkin (Northwestern University)
“Colloidal Crystal Engineering with DNA”

13:50–14:05 **CEMS Presentation (C-01)**
Yong-Jin Pu (Emergent Supramolecular Materials Research Team)
“Design of Singlet Exciton Fission Molecules for Organic Photovoltaics”

14:05–14:45 **Invited Lecture (L-02)**
Stefan Hecht (Humboldt-Universität zu Berlin)
“Controlling and Driving Molecular Processes with Light”

14:45–15:05 Coffee Break

*Chairperson: Fumito Araoka*

15:05–15:20 **CEMS Presentation (C-02)**
Satria Zulkarnaen Bisri (Emergent Device Research Team)
“Field-Induced Doping and Thermoelectric of Colloidal Quantum Dot Solids”

15:20–16:00 **Invited Lecture (L-03)**
Ludwik Leibler (ESPCI Paris)
“Vitrimer: Principles and Perspectives”

16:00–16:15 **CEMS Presentation (C-03)**
Daigo Miyajima (Emergent Soft Matter Function Research Group)
“Solid-state Supramolecular Polymerization for Self-replicating Synthesis”

16:15–16:35 Coffee Break

*Chairperson: Keisuke Tajima*

16:35–16:50 **CEMS Presentation (C-04)**
Satoshi Aya (Physicochemical Soft Matter Research Unit)
“Physical Wetting/Dewetting Processes Impact on Orientation of Anisotropic Liquids”

16:50–17:30 **Invited Lecture (L-04)**
Samuel I. Stupp (Northwestern University)
“Supramolecular Programming of Living-Like Soft Materials”

17:40–20:10 **Poster Session (P-1~P80)**
17:40–18:30 Odd Numbers (P-1, P-3, …, P-79)
18:30–19:20 Even Numbers (P-2, P-4, …, P-80)
19:20–20:10 Free Discussion
January 10 (Wed)

Chairperson: Kazuo Takimiya

9:00–9:40  Invited Lecture (L-11)
Myongsoo Lee (Jilin University)
“Dynamic Self-Assembly for Life-inspired Systems”

9:40–10:20  Invited Lecture (L-06)
Robert M. Waymouth (Stanford University)
“Organocatalysis for the Generation of Functional Materials”

10:20–10:35  Coffee Break

Chairperson: Yoshihiro Ito

10:35–10:50  CEMS Presentation (C-05)
Kenjiro Fukuda (Emergent Soft System Research Team)
“Development of Ultrathin, High Performance and Stable Organic Photovoltaic Devices”

10:50–11:30  Invited Lecture (L-07)
Michinori Suginome (Kyoto University)
“Chirality Transfer through Dynamic Helical Macromolecules”

11:30–12:10  Invited Lecture (L-05)
Ben Zhong Tang (The Hong Kong University of Science and Technology)
“Functional Materials Based on AIEgens”

12:10–13:15  Lunch Break

13:15–14:45  Poster Session (P-81~P-134)

Chairperson: Takao Someya

14:45–15:25  Invited Lecture (L-08)
Jean-Luc Brédas (Georgia Institute of Technology)
“Two-dimensional π-Conjugated Networks: Electronic Properties and Impact of Lattice Symmetry”

15:25–16:05  Invited Lecture (L-09)
Jeffrey W. Bode (ETH Zurich)
Synthesis of Shapeshifting and Shape Programmable Molecules

16:05–16:20  Coffee Break

Chairperson: Yasuhiro Ishida

16:20–16:35  CEMS Presentation (C-06)
Motoki Ueda (Emergent Bioengineering Materials Research Team)
“Morphologically Conjugated Nanostructures Composed of Self-assembled Amphiphilic Polypeptides”

16:35–17:15  Invited Lecture (L-10)
Kenichiro Itami (Nagoya University)
“Exploring Molecular Nanocarbon Science”

17:15–17:25  Closing Remarks
Kazuo Takimiya (RIKEN CEMS)