

ICCC2018 Program (S53)

| July 30, 2018 (Mon) | | July 31, 2018 (Tue) | | Aug 1, 2018 (Wen) | | Aug 2, 2018 (Thu) | | Aug 3, 2018 (Fri) | | Aug 4, 2018 (Sat) | | | |
|---------------------|--|---------------------|---|-------------------|--|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------|--|
| | | 8:30 | Plenary Lecture Prof. Yi Lu | 8:30 | Plenary Lecture Prof. Gary Brudvig | 8:30 | Plenary Lecture | 8:30 | Plenary Lecture | 8:30 | Plenary Lecture | | |
| | | 9:15 | Coffee Break | 9:15 | Coffee Break | 9:15 | | 9:15 | | 9:15 | | | |
| | | 9:40 | Philip Power | 9:40 | Hiroshi Tobita | 9:40 | | 9:40 | | 9:40 | | | |
| | | 10:05 | Hisako Hashimoto | 10:05 | Michael Hill | 10:05 | | 10:05 | | 10:05 | | | |
| | | 10:25 | Yasushi Nishihara | 10:25 | Shigeyoshi Inoue | 10:25 | | 10:25 | | 10:25 | | | |
| | | 10:45 | Shuai Guo | 10:45 | Jidong Leng | 10:45 | | 10:45 | | 10:45 | | | |
| | | 11:00 | Masahiro Kamitani | 11:00 | Nobuhiro Takeda | 11:00 | | 11:00 | | 11:00 | | | |
| | | 11:15 | Masumi Itazaki | 11:15 | Takako Muraoka | 11:15 | | 11:15 | | 11:15 | | | |
| | | 11:30 | Yulia Dudkina | 11:30 | Sodio Hsu | 11:30 | | 11:30 | | 11:30 | | | |
| | | 11:45 | Yoshihito Kayaki | 11:45 | Vera Khrizanforova | 11:45 | | 11:45 | | 11:45 | | | |
| | | 12:00 | Take-aki Koizumi | 12:00 | Kohtaro Osakada | 12:00 | | 12:00 | | 12:00 | | | |
| | | 12:15 | Lunch | 12:15 | Lunch | 12:15 | | 12:15 | | 12:15 | | 12:10 | Special Lecture:Prof. Jean-Pierre Sauvage |
| | | 13:15 | Plenary Lecture Prof. Lee Cronin | 13:15 | Plenary Lecture | | | 13:15 | Plenary Lecture | 13:10 | | | |
| | | 14:00 | Coffee Break | 14:00 | | | | 14:00 | | | | | |
| 14:25 | L. James Wright | 14:25 | | 14:25 | | | | | | | | | |
| 14:50 | Andy Hor | 14:50 | | 14:50 | | | | | | | | | |
| 15:00 | | 15:10 | Hiroshi Nakazawa | 15:10 | | | | 15:10 | | | | | |
| | | 15:30 | Hiroyuki Matsuzaka | 15:30 | | | | 15:30 | | | | | |
| | | 15:50 | Yasuyuki Ura | 15:50 | | | | 15:50 | | | | | |
| | | 16:05 | Osamu Ogata | 16:05 | | | | 16:05 | | | | | |
| | | 16:20 | Coffee Break | 16:20 | | | | 16:20 | | | | | |
| | | 16:45 | Liang Deng | 16:45 | | | | 16:45 | | | | | |
| | | 17:10 | Hajime Kameo | 17:10 | | | | 17:10 | | | | | |
| 17:30 | | 17:30 | Makoto Yamashita | 17:30 | | | | 17:30 | | | | | |
| | | 17:50 | Tristan Tan | 17:50 | | | | 17:50 | | | | | |
| 18:00 | Special Lecture: Prof. Eiichi Negishi | 18:05 | Paul Hayes | 18:05 | | 18:45 | | | | | | | |
| | | 18:20 | | 18:20 | | | | | | | | | |
| 19:00 | | 18:30 | | 18:35 | Poster Session | 18:30 | | | | | | | |
| | | | Poster Session of S53 (this session) | | | | | | | | | | |
| | | 20:30 | | | | | | | | | | | |

| Session | Lecture | Poster Date | Code | Name | Affiliation | Title |
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| S53 | Organizer | | | Liang Deng | Shanghai Institute of Organic Chemistry | |
| S53 | | | | T S Andy Hor | The University of Hong Kong | |
| S53 | | | | Hiroshi Nakazawa | Osaka City University | |
| S53 | | | | Georgii Nikonov | Brock Univerisity | |
| S53 | | | | Martin Oestreich | Technical University of Berlin | |
| S53 | | | | Kohtaro Osakada | Tokyo Institute of Technology | |
| S53 | | | | | Makoto Yamashita | Nagoya University |
| S53 | Keynote | | A00437-LW | L James Wright | University of Auckland | Syntheses, Properties and Reaction Chemistry of New Fused-Ring Metallabenzenes |
| S53 | Keynote | | A00919-LD | Liang Deng | Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences | The Chemistry of Low-Coordinate Iron and Cobalt Complexes with NHC Ligation |
| S53 | Keynote | | A01160-HT | Hiromi Tobita | Department of Chemistry, Graduate School of Science, Tohoku University | Recent Developments in the Chemistry of Tungsten-Germanium/Silicon Triple-Bonded Complexes |
| S53 | Keynote | | A03026-PP | Philip Power | Department of Chemistry, University of California, Davis | Highly Sterically-Crowded Subvalent Group 14 Compounds: Unexpected Structures and High Reactivity with Small Molecules |
| S53 | Invited | | A00675-AH | Andy Hor | The University of Hong Kong | Hybrid Ligand Design & Catalytic Functions |
| S53 | Invited | | A00854-YM | Makoto Yamashita | Nagoya University, Graduate School of Engineering, Department of Molecular and Macromolecular Chemistry | Boron-Containing PBP Pincer Complexes: New Organometallic Elementary Reactions and Catalysis |
| S53 | Invited | | A00311-HN | Hiroshi Nakazawa | Osaka City University | Synthesis and Catalytic Property of Iron Complex Bearing InX ₃ as Ligand |
| S53 | Invited | | A01141-HH | Hisako Hashimoto | Department of Chemistry, Graduate School of Science, Tohoku University | Synthesis of a Mo-Si Triple-Bonded Complex and Its Cycloaddition Reactions with Alkynes and Azides |
| S53 | Invited | | A01495-MH | Michael Hill | University of Bath | Nucleophilic boron: the easy way |
| S53 | Invited | | A01660-HK | Hajime Kameo | Department of Chemistry, Graduate School of Science, Osaka Prefecture University | Palladium-Borane Cooperation: Anionic Palladium(0)-Mediated Bond Activation and Intramolecular Nucleophile Transfer from Borane to Carbon Ligand |
| S53 | Invited | | A01843-SI | Shigeyoshi Inoue | Department of Chemistry, Institute of Silicon Chemistry and Catalysis Research Center, Technische Universitat Munchen | Silyliumylidene ions: small molecule activation and coordination chemistry |
| S53 | Invited | | A00798-YN | Yasushi Nishihara | Research Institute for Interdisciplinary Science, Okayama University | Elucidation of Regioselective Silaboration of Alkynylboronates Catalyzed by Palladium |
| S53 | Invited | | A01156-HM | Hiroyuki Matsuzaka | Osaka Prefecture University | A Diruthenium μ -Carbido Complex That Shows Singlet-Carbene-Like Reactivity |
| S53 | Oral Talk | | A00249-JL | Jidong Leng | School of Chemistry and Chemical Engineering, Guangzhou University | A Series of Mg/Ca Complexes Approaching Linear Two-coordination Stabilized by Bulky Silylamide Ligands |
| S53 | Oral Talk | | A00773-TM | Takako Muraoka | Gunma University | Reactions of Silanone-molybdenum and -tungsten Complexes with Water: Experimental and Theoretical Studies |
| S53 | Oral Talk | | A00867-KO | Kohtaro Osakada | Tokyo Institute of Technology | Coordinatively Unsaturated Dinuclear Pd and Pt Complexes with a Bridging Silylene Ligand |

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| S53 | Oral Talk | | A01138-MK | Masahiro Kamitani | Kitasato University | Synthesis and Reactivity of Dihydride Iron Complex Bearing Silyl-Tethered Cyclopentadienyl Ligand |
| S53 | Oral Talk | | A01220-TT | Tristan Tan | University of Muenster | Synthesis and reactivity of Ir(III) complexes bearing NHC/imidazolyl chelate ligands |
| S53 | Oral Talk | | A01769-YK | Yoshihito Kayaki | School of Materials and Chemical Technology, Tokyo Institute of Technology | Aromatic C-F Bond Cleavage by Hydridoiridium(III) Complexes Having Chelating Amine Ligands |
| S53 | Oral Talk | | A02208-TK | Take-aki Koizumi | Laboratory for Chemistry and Life Science, Institute of Innovative Research, Tokyo Institute of Technology | Synthesis and catalytic activity of a [Cp*Ir] complex bearing a 3,5-bis(2-pyridyl)pyrazole ligand |
| S53 | Oral Talk | | A01570-VK | Vera Khrizanforova | A.E. Arbuzov Institute of Organic and Physical Chemistry, Kazan Scientific Center, Russian Academy of Sciences | Ni(I) complexes with bis-iminoacenaphthenes: structure and redox properties |
| S53 | Oral Talk | | A01390-OO | Osamu Ogata | Takasago International Corporation | Ru-MACHO catalysts ~hydrogenation of esters~ |
| S53 | Oral Talk | | A01600-YU | Yasuyuki Ura | Nara Women's University | Anions or Acids-promoted Oxygenation of Hydrocarbyl Ligands in SNS Palladium Complexes |
| S53 | Oral Talk | | A01924-NT | Nobuhiro Takeda | Gunma University | Synthesis and Properties of Rhodium and Iridium Complexes Bearing SiS ₃ -type Tripodal Tetradentate Ligand |
| S53 | Oral Talk | | A01572-YD | Yulia Dudkina | A.E. Arbuzov Institute of Organic and Physical Chemistry, Kazan Scientific Center, Russian Academy of Sciences | Ni vs. Pd in cyclometalated complexes: electrochemical properties and application in C-H functionalization reactions |
| S53 | Oral Talk | | A01987-PH | Paul Hayes | University of Lethbridge | Activation and Deoxygenative Metathesis of CO at a Single Metal Site |
| S53 | Oral Talk | | A05009-SG | Shuai Guo | Capital Normal University | Palladium Pincer - type Complexes Bearing Mesoionic Carbenes |
| S53 | Oral Talk | | A05015-HS | Sodio C. N. Hsu | Kaohsiung Medical University | Improved Synthesis of Unsymmetrical N-aryl-N'-alkylpyridyl β-Diketimines and Reactivity Study of Metal Complexes |
| S53 | Oral Talk | | A01594-MI | Masumi Itazaki | Department of Chemistry, Graduate School of Science, Osaka City University | Iron Complex Catalyzing Regioselective Synthesis of Vinylphosphines and Unsymmetric Diphosphines, and Reactivity of Intermediate Complexes |
| S53 | Poster | July 31 | S53-P01 | Takahiro Kato | Department of Applied Chemistry, Graduate School of Science and Engineering, Chuo University | Reductive Elimination of Phosponium Salts from Ru(II) and Rh(III) Phosphine Complexes |
| S53 | Poster | July 31 | S53-P02 | Tara Prasad Dhungana | Tohoku University | Synthesis of a Molybdenum Germylene Complex and Its Conversion into a Germylene Complex |
| S53 | Poster | July 31 | S53-P03 | Atsushi Kanda | Tokyo Institute of Technology | Preparation of New Gold-Silyl Complex by Reaction of Au(I) Complex with Various Silicon Compounds |
| S53 | Poster | July 31 | S53-P04 | Kazuhisa Ohtake | Graduate School of Pure and Applied Sciences, University of Tsukuba | Synthesis of a thermo-cross-linkable polyolefin from oleic acid by organometallic catalysts |
| S53 | Poster | July 31 | S53-P05 | Toshiki Watauchi | Graduate School of Sci. and Eng., Kindai Univ. | Synthesis and Structures of Group 4 Metal Alkyl Complexes Bearing Bulky Monodentate Aryloxide Ligands |
| S53 | Poster | July 31 | S53-P06 | Yoshitaka Tsuchido | Tokyo Institute of Technology | The Engineering of Molecular Gears: Make a Connection Between Spur and Bevel Gears |
| S53 | Poster | July 31 | S53-P07 | Ryota Abe | Tokyo Institute of Technology | Kinetic Study of Platinum(0)-Catalyzed Hydrosilylation of Carbonyl Compounds |

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| S53 | Poster | July 31 | S53-P08 | Makoto Sanno | Tokyo Institute of Technology | Controlling Dynamic Motion of a Molecular Bevel Gear with Reversible Brake System |
| S53 | Poster | July 31 | S53-P09 | Yuka Kobayashi | Tokyo Institute of Technology | High-Speed Pd-Catalyzed Cross-Coupling Reaction by Using Surfactant in Aqueous Media |
| S53 | Poster | July 31 | S53-P10 | Yusuke Ishizaka | University of Tsukuba | Synthesis and structures of cobalt silyl complexes bearing a N-heterocyclic carbene ligand |
| S53 | Poster | July 31 | S53-P11 | Connie Lu | University of Minnesota, Twin Cities | Leveraging Metal-Support Interactions for Catalysis |
| S53 | Poster | July 31 | S53-P12 | Tsz-Hei Choi | Department of Chemistry, The Chinese University of Hong Kong | Organo-alkali and alkaline earth metal complexes of a heteroatom-stabilized methanide ligand |
| S53 | Poster | July 31 | S53-P13 | Eunice Lok Yan Mau | Department of Chemistry, The Chinese University of Hong Kong | Coordination chemistry of 2-pyridyl amido ligands with late 3d metals |