

# Scientific Program at a Glance

21 <sup>st</sup> Sunday		22 <sup>nd</sup> Monday		23 <sup>rd</sup> Tuesday			
		8:15-	<b>Registration</b>	8:15-	<b>Registration</b>		
		<b>Chair: T. Kubo</b>		<b>Chair: N. Martín</b>			
		8:45-9:15	<b>IL-01</b> M. M. Haley	8:45-9:15	<b>IL-07</b> W. W. H. Wong		
		9:15-9:55	<b>PL-01</b> A. Osuka	9:15-9:55	<b>PL-03</b> C. Adachi		
		9:55-10:25	<b>IL-02</b> J. Wu	9:55-10:25	<b>IL-08</b> J.-S. Yang		
		10:25-10:45	<b>Coffee Break</b>	10:25-10:45	<b>Coffee Break</b>		
		<b>Chair: Q. Miao</b>		<b>Chair: P. Bäuerle</b>			
		10:45-11:15	<b>IL-03</b> F. R. Fischer	10:45-11:15	<b>IL-09</b> H. Yamada		
		11:15-11:45	<b>IL-04</b> K. Itami	11:15-11:45	<b>IL-10</b> R. Gwénaél		
		11:45-12:15	<b>IL-05</b> X. Feng	11:45-12:15	<b>IL-11</b> K. Takimiya		
12:15-13:30	<b>Lunch</b>	12:15-13:30	<b>Lunch</b>				
13:00-		<b>Chair: S. Yamaguchi</b>		<b>Chair: K.-T. Wong</b>			
		13:30-14:00	<b>IL-06</b> J. Yoon	13:30-14:00	<b>IL-12</b> A. Wakamiya		
		14:00-14:40	<b>PL-02</b> B. Liu	14:00-14:40	<b>PL-04</b> T.-Q. Nguyen		
		14:40-15:00	<b>Coffee Break</b>	14:40-15:00	<b>Coffee Break</b>		
		<b>Chair:</b>	G. J. Bodwell M. M. Haley	<b>Chair:</b>	W. W. H. Wong S. Toyota		
		15:00-15:15	<b>CA-01</b> J.-F. Morin	<b>CB-01</b> J. Casado	15:00-15:15	<b>CA-10</b> H. L. Anderson	<b>CB-10</b> R. R. Tykwinski
		15:15-15:30	<b>CA-02</b> H. Ito	<b>CB-02</b> X. Zhu	15:15-15:30	<b>CA-11</b> M. Takase	<b>CB-11</b> E. E. Nesterov
		15:30-15:45	<b>CA-03</b> A. Mateo-Alonso (Koke)	<b>CB-03</b> T. Nishiuchi	15:30-15:45	<b>CA-12</b> M. Pawlicki	<b>CB-12</b> V. Maurizot
		15:45-16:00	<b>CA-04</b> A. Narita	<b>CB-04</b> M. S. Chen	15:45-16:00	<b>CA-13</b> F. Langa	<b>CB-13</b> J. D. Tovar
		16:00-16:30	<b>CA-05</b> D. Peña	<b>CB-05</b> A. Konishi	16:00-16:15	<b>CA-14</b> Y. Miyake	<b>CB-14</b> L. Fang
16:15-16:30	<b>CA-06</b> A. Krueger	<b>CB-06</b> M. T. Lemaire	16:15-16:30	<b>CA-15</b> D. Lungerich	<b>CB-15</b> Y. Itoh		
16:30-17:30		<b>Chair: Y. Tobe</b>		16:30-16:45	<b>CA-16</b> M. Saito	<b>CB-16</b> T. Akutagawa	
		<b>Nozoe Lecture Rainer Herges</b>		16:45-17:00	<b>CA-17</b> J. Poater	<b>CB-17</b> P. Li	
		17:00-17:15	<b>CA-09</b> S. Toyota	<b>CB-09</b> T. Kawase	17:00-17:15	<b>CA-18</b> Y. Takeda	<b>CB-18</b> I. Hisaki
17:30-19:30	<b>Welcome Reception</b>	17:30-19:30	<b>Poster odd number</b>	17:30-19:30	<b>Poster even number</b>		

24 <sup>th</sup> Wednesday			25 <sup>th</sup> Thursday			26 <sup>th</sup> Friday			
8:15-	<b>Registration</b>		8:15-	<b>Registration</b>		8:15-	<b>Registration</b>		
<b>Chair: R. Herges</b>			<b>Chair: R. R. Tykwinski</b>			<b>Chair: L. Gan</b>			
8:45-9:15	<b>IL-13</b>	<b>I. G. Stará</b>	8:45-9:15	<b>IL-18</b>	<b>R. Chauvin</b>	8:45-9:15	<b>IL-26</b>	<b>Y. Murata</b>	
9:15-9:55	<b>PL-05</b>	<b>F. Würthner</b>	9:15-9:55	<b>PL-06</b>	<b>G. J. Bodwell</b>	9:15-9:55	<b>PL-07</b>	<b>N. Martín</b>	
9:55-10:25	<b>IL-14</b>	<b>G. D. Pantoş</b>	9:55-10:25	<b>IL-19</b>	<b>H. Shinokubo</b>	9:55-10:25	<b>IL-27</b>	<b>K. Harano</b>	
10:25-10:45	<b>Coffee Break</b>		10:25-10:45	<b>Coffee Break</b>		10:25-10:45	<b>Coffee Break</b>		
<b>Chair: M. K. Cyrański</b>			<b>Chair: A. Stanger</b>			<b>Chair: T. Baumgartner</b>			
10:45-11:15	<b>IL-15</b>	<b>I. Aprahamian</b>	10:45-11:15	<b>IL-20</b>	<b>H. Ottosson</b>	10:45-11:15	<b>IL-28</b>	<b>I. V. Alabugin</b>	
11:15-11:45	<b>IL-16</b>	<b>S. Yagai</b>	11:15-11:45	<b>IL-21</b>	<b>Z. Xi</b>	11:15-11:45	<b>IL-29</b>	<b>Q. Zhang</b>	
11:45-12:15	<b>IL-17</b>	<b>N. S. Goroff</b>	11:45-12:15	<b>IL-22</b>	<b>M. Stępień</b>	11:45-12:15	<b>IL-30</b>	<b>M. K. Cyrański</b>	
12:15- 20:30	<b>Excursion</b>  <b>Course A</b> <b>or</b> <b>Course B</b>	12:15-13:30		<b>Lunch</b>		12:15-	<b>Closing Ceremony</b>		
		<b>Chair: H. L. Anderson</b>							
		13:30-14:00		<b>IL-23</b>	<b>D. T. Gryko</b>				
		14:00-14:30		<b>IL-24</b>	<b>M. Wagner</b>				
		14:30-15:00		<b>IL-25</b>	<b>H. F. Bettinger</b>				
		15:00-15:20		<b>Coffee Break</b>					
		<b>Chair:</b>		<b>K. V. Kilway</b>	<b>H. Shinokubo</b>				
		15:20-15:35		<b>CA-19</b> Q. Miao	<b>CB-19</b> P. Bäuerle				
		15:35-15:50		<b>CA-20</b> K. Kamikawa	<b>CB-20</b> K. Nagura				
		15:50-16:05		<b>CA-21</b> H.-F. Chow	<b>CB-21</b> M. Hissler				
		16:05-16:20		<b>CA-22</b> T. Hirose	<b>CB-22</b> T. Baumgartner				
		16:20-16:35		<b>CA-23</b> H. Cong	<b>CB-23</b> Y. Shoji				
		16:35-16:50		<b>CA-24</b> B. Esser	<b>CB-24</b> F. Jäkle				
		16:50-17:05		<b>CA-25</b> O. Gidron	<b>CB-25</b> N. Tokitoh				
		17:05-17:20		<b>CA-26</b> S. Saito	<b>CB-26</b> S. Ishida				
		17:20-17:35		<b>CA-27</b> G. Olsen	<b>CB-27</b> Y. Matano				
		18:30- 20:30		<b>Banquet</b>					

# Scientific Information

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## Instructions for Lecturers

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### ► Connection with your computer

The projectors in the Lecture Hall and Room 107-108 use standard **VGA** connectors. The presenters (especially Mac users) are asked to bring the adaptors that can make your computer connected to VGA.



**The plenary and invited speakers** are asked to come to the room during the break before the session to test the connection with their own computer.

**The contributed lecturers** are asked to come to the room to check the connection during the lunch break of the day and also asked to deposit the presentation file in the format of ppt(x) or pdf. If the connection does not make properly within a good time, the deposited file [ppt(x) or pdf] saved in another computer will be used to keep the time.

### ► Time Allocation

**Plenary lectures** should be approximately 35 minutes long, leaving 5 minutes for questions (total 40 min).

**Invited lectures** should last approximately 25 minutes, leaving 5 min for questions (total 30 min).

**Contributed talks** should take approximately 11 min, leaving 3 min for questions (total 14 min).

Discussion is an important part of any live symposium. There will be microphones available in the Lecture Hall and Room 107-108 to facilitate the asking of questions.

# Scientific Program (Schedule by Day)

July 21 <sup>st</sup> Sunday	
16:00-16:30	Opening Ceremony
Chair	Yoshito Tobe, <i>Osaka University, Japan</i>
16:30-17:30	<b>Nozoe Lecture: Rainer Herges,</b> <i>Christian-Albrechts-Universität zu Kiel, Germany</i> "Molecular Spin Switching"
17:30-19:30	Welcome Reception

July 22 <sup>nd</sup> Monday	
Chair	Takashi Kubo, <i>Osaka University, Japan</i>
8:45-9:15	<b>IL-01: Michael M. Haley,</b> <i>University of Oregon, USA</i> "Diarenoindacenes and Diindenoarenes: From Antiaromatic Electron-Accepting Materials to Stable Organic Diradicaloids"
9:15-9:55	<b>PL-01: Atsuhiko Osuka,</b> <i>Kyoto University, Japan</i> "Stable Porphyrin Radicals"
9:55-10:25	<b>IL-02: Jishan Wu,</b> <i>National University of Singapore, Singapore</i> "Global Aromaticity in Polyradicaloid Macrocycles and Cages"
10:25-10:45	Coffee Break
Chair	Qian Miao, <i>The Chinese University of Hong Kong, China</i>
10:45-11:15	<b>IL-03: Felix R. Fischer,</b> <i>University of California, Berkeley, USA</i> "Forging Metallic Graphene Nanoribbons"
11:15-11:45	<b>IL-04: Kenichiro Itami,</b> <i>Nagoya University, Japan</i> "Making new forms of nanocarbons"
11:45-12:15	<b>IL-05: Xinliang Feng,</b> <i>Technische Universität Dresden, Germany</i> "Organic 2D Materials for Electronics: Challenges and Opportunities"
12:15-13:30	Lunch
Chair	Shigehiro Yamaguchi, <i>Nagoya University, Japan</i>
13:30-14:00	<b>IL-06: Juyoung Yoon,</b> <i>Ewha Womans University, Korea</i> "Recent Progress on Activatable Photosensitizers and Fluorescent Probes"

14:00-14:40	<b>PL-02: Bin Liu, National University of Singapore, Singapore</b> "Organic Nanoparticles for Biomecial Applications"	
14:40-15:00	<b>Coffee Break</b>	
Chair	<b>Graham J. Bodwell,</b> <i>Memorial University of Newfoundland, Canada</i>	<b>Michael M. Haley,</b> <i>University of Oregon, USA</i>
15:00-15:15	<b>CA-01: Jean-Francois Morin,</b> <i>Universite Laval, Canada</i> "New Photochemical Reactions for the Synthesis of Graphene-Like Molecules"	<b>CB-01: Juan Casado,</b> <i>University of Malaga, Spain</i> "2D-Delocalized vs Confined Diradicals"
15:15-15:30	<b>CA-02: Hideto Ito,</b> <i>Nagoya University, Japan</i> "Annulative $\pi$ -Extension for Synthesis of $\pi$ -Extended Heteroarenes, Nanographenes and Graphene Nanoribbons"	<b>CB-02: Xiaozhang Zhu,</b> <i>Chinese Academy of Sciences, China</i> "High-Performance Organic Thermoelectric Materials Enabled by Diradicals"
15:30-15:45	<b>CA-03: Aurelio Mateo-Alonso (Koke),</b> <i>University of the Basque Country, Spain</i> "Synthesis of Giant Monodisperse N-Doped Nanographenes"	<b>CB-03: Tomohiko Nishiuchi,</b> <i>Osaka University, Japan</i> "Synthesis and Properties of Highly Congested Triacenomethyl Radicals"
15:45-16:00	<b>CA-04: Akimitsu Narita,</b> <i>Max Planck Institute for Polymer Research, Germany</i> "Synthesis and Functionalizations of Dibenzo[hi,st]ovalene as Highly Luminescent Nanographene with Zigzag Edges"	<b>CB-04: Mark S. Chen,</b> <i>Lehigh University, USA</i> "Bisphenalenyls from Phenalenone: Practical Access to Open-Shell Organic Materials"
16:00-16:15	<b>CA-05: Diego Peña,</b> <i>University of Santiago de Compostela, Spain</i> "Bottom-up synthesis of nanoporous graphenes"	<b>CB-05: Akihito Konishi,</b> <i>Osaka University, Japan</i> "Synthesis and Characterization of $\pi$ -Extended Pentalenes with [a,f]-Type Ring Annulations: Collaboration of Open-shell Character and Antiaromaticity"
16:15-16:30	<b>CA-06: Anke Krueger,</b> <i>Würzburg University, Germany</i> "Synthesis and optical properties of ditetracenes"	<b>CB-06: Martin T. Lemaire,</b> <i>Brock University, Canada</i> "Reversible Dimerization & Magnetic Switching in $\pi$ -Extended Redox-Active Ligands: Properties & Coordination Chemistry"
16:30-16:45	<b>CA-07: Yumi Yakiyama,</b> <i>Osaka University, Japan</i> "Sumanene-based Porous Coordination Networks with Discrete Pores"	<b>CB-07: Shuichi Suzuki,</b> <i>Osaka University, Japan</i> "A Liquescent Phenothiazine Radical Cation and Its Unique Phase Transition Behavior"

<b>16:45-17:00</b>	<b>CA-08: Max von Delius,</b> <i>University of Ulm, Germany</i> <b>"Unleashing the Supramolecular Potential of Strained Carbon Nano hoops"</b>	<b>CB-08: Tsuyoshi Murata,</b> <i>Aichi Institute of Technology, Japan</i> <b>"Sulfur-atom Introduced Trioxotriangulene Analogues: Synthesis, Electronic Spin Structure, and Physical Properties"</b>
<b>17:00-17:15</b>	<b>CA-09: Shinji Toyota,</b> <i>Tokyo Institute of Technology, Japan</i> <b>"Synthesis of Anthracene Macrocyclic Oligomers and Their Complexation with Fullerenes"</b>	<b>CB-09: Takeshi Kawase,</b> <i>University of Hyogo, Japan</i> <b>"N-Substituted 2-Azaphenalenyl: First Isolation and Characterization"</b>
<b>17:30-19:30</b>	<b>Poster (odd number)</b>	

<b>July 23<sup>rd</sup> Tuesday</b>	
<b>Chair</b>	<b>Nazario Martín,</b> <i>Universidad Complutense de Madrid, Spain</i>
<b>8:45-9:15</b>	<b>IL-07: Wallace W. H. Wong,</b> <i>University of Melbourne, Australia</i> <b>"Emissive Aggregates in Light Harvesting"</b>
<b>9:15-9:55</b>	<b>PL-03: Chihaya Adachi,</b> <i>Kyushu University, Japan</i> <b>"TADF-OLED and beyond"</b>
<b>9:55-10:25</b>	<b>IL-08: Jye-Shane Yang,</b> <i>National Taiwan University, Taiwan</i> <b>"Rigid H-Shaped Pentiptycene Scaffold in Solid-State Multi-Stimuli-Responsive Photoluminescent Materials"</b>
<b>10:25-10:45</b>	<b>Coffee Break</b>
<b>Chair</b>	<b>Peter Bäuerle,</b> <i>University of Ulm, Germany</i>
<b>10:45-11:15</b>	<b>IL-09: Hiroko Yamada,</b> <i>Nara Institute for Science and Technology, Japan</i> <b>"Synthesis of Acene Compounds by "Precursor Approach" "</b>
<b>11:15-11:45</b>	<b>IL-10: Rapenne Gwénaël,</b> <i>Université de Toulouse CEMES-CNRS, France and NAIST, Japan</i> <b>"Prototypes of Molecular Motors and Gears based on Aromatic Building Blocks"</b>
<b>11:45-12:15</b>	<b>IL-11: Kazuo Takimiya,</b> <i>Tohoku University, Japan</i> <b>"Control of Packing Structure of Thienoacene-Based Organic Semiconductors"</b>
<b>12:15-13:30</b>	<b>Lunch</b>
<b>Chair</b>	<b>Ken-Tsung Wong,</b> <i>National Taiwan University, Taiwan</i>
<b>13:30-14:00</b>	<b>IL-12: Atsushi Wakamiya,</b> <i>Kyoto University, Japan</i> <b>"Molecular Orientation Control of Organic Semiconductors for Organic Electronics"</b>

14:00-14:40	<b>PL-04: Thuc-Quyen Nguyen, University of California, Santa Barbara, USA</b> "Solution-Processed Organic Solar Cells for Energy-Efficient Buildings"	
14:40-15:00	Coffee Break	
Chair	<b>Wallace W. H. Wong,</b> <i>University of Melbourne, Australia</i>	<b>Shinji Toyota,</b> <i>Tokyo Institute of Technology, Japan</i>
15:00-15:15	<b>CA-10: Harry L. Anderson,</b> <i>Oxford University, UK</i> "Aromatic Ring Currents in Porphyrin Nanorings"	<b>CB-10: Rik R. Tykwinski,</b> <i>University of Alberta, Canada</i> "Synthesis of graphyne nanoribbons: Segments of the carbon allotrope 6,6,12-graphyne"
15:15-15:30	<b>CA-11: Masayoshi Takase,</b> <i>Ehime University, Japan</i> "Pyrrole-fused Azacoronene with Aromaticity Switching"	<b>CB-11: Evgueni E. Nesterov,</b> <i>Northern Illinois University, USA</i> "Highly Fluorescent Flexible and Stretchable Conjugated Polymers"
15:30-15:45	<b>CA-12: Miłosz Pawlicki,</b> <i>University of Wrocław, Poland</i> "Organoboron Complexes in the Edge Sharing Macrocycles – the Triphyrin(2.1.1)-Tetraphyrin(1.1.1.1) Hybrid"	<b>CB-12: Victor Maurizot,</b> <i>Universite de Bordeaux, France</i> "Aromatic Oligovinylene / Oligoamide Mixed Foldamers"
15:45-16:00	<b>CA-13: Fernando Langa,</b> <i>University of Castilla-la Mancha, Spain</i> "Molecular Design of Porphyrins for Efficient Organic Solar Cells"	<b>CB-13: John D. Tovar,</b> <i>Johns Hopkins University, USA</i> "Photoswitchable conjugated polymers based on a densely functionalized thieno[3,4- <i>b</i> ]thiophene core"
16:00-16:15	<b>CA-14: Yoshihiro Miyake,</b> <i>Nagoya University, Japan</i> "Solid Emission Behaviors of Tetrathia[8]circulene Octaoxides Tuned by Peripheral Substituents"	<b>CB-14: Lei Fang,</b> <i>Texas A&amp;M University, USA</i> "Covalent and Noncovalent Approaches to Rigid Coplanar Conjugated Systems"
16:15-16:30	<b>CA-15: Dominik Lungerich,</b> <i>The University of Tokyo, Japan</i> "Porphyrins on Graphene – Chemistry Under the Electron Beam"	<b>CB-15: Yoshimitsu Itoh,</b> <i>The University of Tokyo, Japan</i> "Unusual Stabilization of Columnar Liquid Crystalline Assembly by Noncovalent Hierarchical Incorporation of Aromatic Molecules"
16:30-16:45	<b>CA-16: Masaichi Saito,</b> <i>Saitama University, Japan</i> "Hexaselenylbenzene Dication Salt: a Bench-stable $\sigma$ - and $\pi$ -Double Aromatic Compound"	<b>CB-16: Tomoyuki Akutagawa,</b> <i>Tohoku University, Japan</i> "Two-Dimensional Ferroelectrics of Helicene Derivative"
16:45-17:00	<b>CA-17: Jordi Poater,</b> <i>Universitat de Barcelona, Spain</i> "Hückel's rule categorizes Aromatic <i>Closo</i> -Boron Hydride Clusters"	<b>CB-17: Penghao Li,</b> <i>Northwestern University, USA</i> "Interpenetration Isomerism in Triptycene-Based Hydrogen-Bonded Organic Frameworks"

<b>17:00-17:15</b>	<b>CA-18: Youhei Takeda,</b> <i>Osaka University, Japan</i> <b>"Dibenzo[<i>a,j</i>]phenazine-Cored Twisted Donor-Acceptor-Donor Triads: A Promising Platform for TADF, RTP, and Mechanochromic Luminescence"</b>	<b>CB-18: Ichiro Hisaki,</b> <i>Hokkaido University, Japan</i> <b>"Hexaazatriphenylene- and Hexaazatrinaphthylene-based Porous Frameworks Constructed through Hydrogen-bonding"</b>
<b>17:30-19:30</b>	<b>Poster (even number)</b>	

<b>July 24<sup>th</sup> Wednesday</b>	
<b>Chair</b>	<b>Rainer Herges, <i>Christian-Albrechts-Universität zu Kiel, Germany</i></b>
<b>8:45-9:15</b>	<b>IL-13: Irena G. Stará,</b> <i>Academy of Sciences of the Czech Republic, Czech Republic</i> <b>"Synthesis of Extended Helically Chiral Aromatics and their Self-Assembly at Interfaces"</b>
<b>9:15-9:55</b>	<b>PL-05: Frank Würthner, <i>Julius-Maximilians-Universität Würzburg, Germany</i></b> <b>"Supramolecular Architectures for Light Harvesting and Energy Conversion"</b>
<b>9:55-10:25</b>	<b>IL-14: G. Dan Pantos, <i>University of Bath, UK</i></b> <b>"Structurally Divergent Dynamic Combinatorial Chemistry on Racemic Mixtures"</b>
<b>10:25-10:45</b>	<b>Coffee Break</b>
<b>Chair</b>	<b>Michał K. Cyrański, <i>Warsaw University, Poland</i></b>
<b>10:45-11:15</b>	<b>IL-15: Ivan Aprahamian, <i>Dartmouth College, USA</i></b> <b>"Hydrazone-Based Switches and Functional Materials"</b>
<b>11:15-11:45</b>	<b>IL-16: Shiki Yagai, <i>Chiba University, Japan</i></b> <b>"Supramolecular Polymers with Controllable Topologies"</b>
<b>11:45-12:15</b>	<b>IL-17: Nancy S. Goroff, <i>Stonybrook University, USA</i></b> <b>"Shape-Persistent Phenylene Ethynylene Macrocycles as Scaffolds for 1,4-Diiodobutadiyne"</b>
<b>12:15-20:30</b>	<b>Excursion</b>



## July 25<sup>th</sup> Thursday

<b>Chair</b>	<b>Rik R. Tykwinski</b> , <i>University of Alberta, Canada</i>	
<b>8:45-9:15</b>	<b>IL-18: Remi Chauvin</b> , <i>Laboratoire de Chimie de Coordination du CNRS, France</i> "Biphoton Excitation vs Dicarbon Expansion: a <b>Carbo-benzene</b> Story"	
<b>9:15-9:55</b>	<b>PL-06: Graham J. Bodwell</b> , <i>Memorial University of Newfoundland, Canada</i> "Contractive Annulation – A New Strategy for the Synthesis of Small, Strained Cyclophanes"	
<b>9:55-10:25</b>	<b>IL-19: Hiroshi Shinokubo</b> , <i>Nagoya University, Japan</i> "Towards Three-Dimensional Aromaticity from an Antiaromatic Porphyrinoid"	
<b>10:25-10:45</b>	<b>Coffee Break</b>	
<b>Chair</b>	<b>Amnon Stanger</b> , <i>Technion-Israel Institute of Technology, Israel</i>	
<b>10:45-11:15</b>	<b>IL-20: Henrik Ottosson</b> , <i>Uppsala University, Sweden</i> "Exploring the Scope and Limitations of the Excited State Aromaticity and Antiaromaticity Concepts"	
<b>11:15-11:45</b>	<b>IL-21: Zhenfeng Xi</b> , <i>Peking University, China</i> "Spiro Metalla-aromatics"	
<b>11:45-12:15</b>	<b>IL-22: Marcin Stępień</b> , <i>University of Wrocław, Poland</i> "Carbon-Rich Cavities in Macrocyclic and Curved Aromatics"	
<b>12:15-13:30</b>	<b>Lunch</b>	
<b>Chair</b>	<b>Harry L. Anderson</b> , <i>Oxford University, UK</i>	
<b>13:30-14:00</b>	<b>IL-23: Daniel T. Gryko</b> , <i>Polish Academy of Sciences, Poland</i> "Pyrrolo[3,2- <i>b</i> ]pyrroles - Electron-rich Functional Heterocycles"	
<b>14:00-14:30</b>	<b>IL-24: Matthias Wagner</b> , <i>Goethe-Universität Frankfurt am Main, Germany</i> "Efficient Routes to Boron-Doped Polycyclic Aromatic Hydrocarbons"	
<b>14:30-15:00</b>	<b>IL-25: Holger F. Bettinger</b> , <i>Eberhard Karls University Tübingen, Germany</i> "BN-Doping of Polycyclic Aromatic Hydrocarbons"	
<b>15:00-15:20</b>	<b>Coffee Break</b>	
<b>Chair</b>	<b>Kathleen V. Kilway</b> , <i>University of Missouri-Kansas City, USA</i>	<b>Hiroshi Shinokubo</b> , <i>Nagoya University, Japan</i>
<b>15:20-15:35</b>	<b>CA-19: Qian Miao</b> , <i>The Chinese University of Hong Kong, China</i> "Synthesis of Carbon Nanobelts"	<b>CB-19: Peter Bäuerle</b> , <i>University of Ulm, Germany</i> "Sterically crowded carbon-sulfur nanostructures"

15:35-15:50	<b>CA-20: Ken Kamikawa,</b> <i>Osaka Prefecture University, Japan</i> "Synthesis and Structures of Double and Hexapole Helicenes"	<b>CB-20: Kazuhiko Nagura,</b> <i>National Institute for Materials Science, Japan</i> "Correlated Molecular Motion of Bow-Shaped Oligothiophene under Thermal Fluctuation"
15:50-16:05	<b>CA-21: Hak-Fun Chow,</b> <i>The Chinese University of Hong Kong, China</i> "Porous Warped Nanographenes Bearing a Tribenzotriquinacene"	<b>CB-21: Muriel Hissler,</b> <i>University of Rennes 1, France</i> "SYNTHESIS AND OPTICAL PROPERTIES OF PI-EXTENDED PHOSPHEPINES"
16:05-16:20	<b>CA-22: Takashi Hirose,</b> <i>Kyoto University, Japan</i> "Synthesis of Homogeneously $n$ -Extended Helical Aromatic Compounds"	<b>CB-22: Thomas Baumgartner,</b> <i>York University, Canada</i> "A 'Step-Conjugated' Biphosphole via Unprecedented P-P Bond Formation"
16:20-16:35	<b>CA-23: Huan Cong,</b> <i>Chinese Academy of Sciences, China</i> "Synthesis of Strained Conjugated Macrocycles Using the Anthracene Photodimerization-Cycloreversion Strategy"	<b>CB-23: Yoshiaki Shoji,</b> <i>Tokyo Institute of Technology, Japan</i> "9-Borafluorene-Mediated Benzannulation of Alkyne Derivatives: The Mechanism and Applications"
16:35-16:50	<b>CA-24: Birgit Esser,</b> <i>University of Freiburg, Germany</i> "Bent and Planar Dibenzo[ <i>a,e</i> ]pentalenes for Organic Transistors and in Conjugated Nanorings"	<b>CB-24: Frieder Jäkle,</b> <i>Rutgers University, USA</i> "B-N Lewis Pair Functionalization of Polycyclic Aromatic Hydrocarbons"
16:50-17:05	<b>CA-25: Ori Gidron,</b> <i>The Hebrew University of Jerusalem, Israel</i> "Helically-Locked Twisted Acenes"	<b>CB-25: Norihiro Tokitoh,</b> <i>Kyoto University, Japan</i> "Synthesis and Properties of Heavier Group 14 Element Analogues of Phenyl Anion"
17:05-17:20	<b>CA-26: Shohei Saito,</b> <i>Kyoto University, Japan</i> "Flapping Molecules for Photofunctional Materials"	<b>CB-26: Shintaro Ishida,</b> <i>Tohoku University, Japan</i> "Benzodisilacyclobutadienes: Silicon Containing $8n$ -Electron Systems"
17:20-17:35	<b>CA-27: Gunnar Olsen,</b> <i>Durham University, UK</i> "Effect of Aromaticity on Charge Transport in Single-Molecule Junctions"	<b>CB-27: Yoshihiro Matano,</b> <i>Niigata University, Japan</i> "Synthesis and Properties of Redox-switchable meso- <i>N</i> -Substituted 5,15-Diazaporphyrin Derivatives"
18:30-20:30	<b>Banquet</b>	

## July 26<sup>th</sup> Friday

<b>Chair</b>	<b>Lianbing Gan</b> , <i>Peking University, China</i>
<b>8:45-9:15</b>	<b>IL-26: Yasujiro Murata</b> , <i>Kyoto University, Japan</i> "Holey Bucky: Synthesis, Structure, and Properties"
<b>9:15-9:55</b>	<b>PL-07: Nazario Martín</b> , <i>Universidad Complutense de Madrid, Spain</i> "Synthetic Chiral Nanographenes"
<b>9:55-10:25</b>	<b>IL-27: Koji Harano</b> , <i>The University of Tokyo, Japan</i> "Chemical Kinetics Study of Excited Molecules with Atomic-Resolution Electron Microscopy"
<b>10:25-10:45</b>	<b>Coffee Break</b>
<b>Chair</b>	<b>Thomas Baumgartner</b> , <i>York University, Canada</i>
<b>10:45-11:15</b>	<b>IL-28: Igor V. Alabugin</b> , <i>Florida State University, USA</i> "Alkyne Origami"
<b>11:15-11:45</b>	<b>IL-29: Qichun Zhang</b> , <i>Nanyang Technological University, Singapore</i> "Synthesis, Characterization, and Applications of Larger Azaacenes"
<b>11:45-12:15</b>	<b>IL-30: Michał K. Cyrański</b> , <i>Warsaw University, Poland</i> "From topology to NICS. From NICS to $\pi$ -Electron Ring Current Maps"
<b>12:15-</b>	<b>Closing Ceremony</b>