

Во вторник 26 января в 11-30 в аудитории 1093 (Конференц зал РЦ) состоится

5th International Symposium on Organometallic Chemistry

STRONG LINKS VIA WEAK INTERACTIONS

PROGRAM

11:30—12:00 Kari Rissanen "Self-Assembly of Large Metallosupramolecular Complexes" (University of Jyväskylä, Finland)

12:00—12:20 Armando J. L. Pombeiro "Resonance-Assisted Hydrogen Bonding as a Synthetic Tool" (Instituto Superior Técnico, Lisbon, Portugal, and RSF International Laboratory on Organometallic Chemistry, Saint Petersburg State University)

12:20—12:40 Coffee-break

12:40—13:10 Matti Haukka "Dihalogens as Halogen Bond Donors" (University of Jyväskylä, Finland)

13:10—13:30 M. Fatima Guedes da Silva, "Hydrogen Bonding in Water Containing Metal Coordination Compounds" (Instituto Superior Técnico, Lisbon, Portugal, and RSF International Laboratory on Organometallic Chemistry, Saint Petersburg State University)

OUR SPEAKERS



Kari Rissanen is Academy Professor, on leave from Professor of Organic Chemistry, University of Jyväskylä, Finland. He is a member of Finnish Academy of Science and Letters, member of Academia Europaea, founder and member of the executive committee of the Division of Synthetic Chemistry of the Finnish Chemical Society, 1992–1994 (secretary), 1996–97 (vice-chairman), 1998–1999 (chairman), Member of International Advisory Board of *New J. Chem.*, (since 2000) and *CrystEngComm.* (2003–2008),

Member of the Science Council of the University of Jyväskylä (since 2006). Honors: Knight, First Class, of the Order of the White Rose of Finland. His research interests include intermolecular interactions, structural and synthetic supramolecular, organic chemistry and nanochemistry, X-ray crystallography, crystal engineering. He is author and coauthor of 485 publications in peer-reviewed journals (1 *Nature*, 3 *Science*, 2 *Nat. Chem.*, 1 *Chem. Rev.*, 2 *ACS Nano*, 14 *JACS*, 24 *Angew. Chem.*, 1 *Chem. Soc. Rev.*, 1 *PNAS*, 6 *Chem. Sci.*, 1 *Chem. Biol.*, 28 *Chem. Commun.*, 11 *Org. Lett.* and 31 *Chem. Eur. J.*); 3 book chapters, 1 edited book, 18 patents/patent applications and >300 posters/lectures in scientific conferences. Total number of citations 11,400 with *h* = 50 (Web of Science).



Armando J. L. Pombeiro is Full Professor at the Instituto Superior Técnico, Universidade de Lisboa, President of the Centro de Química Estrutural and Coordinator of its Synthesis and Catalysis thematic line, Director of the Catalysis and Sustainability (CATSUS) PhD program, Full Member of the Academy of Sciences of Lisbon (in charge of various directive and representative positions) and former President of the Portuguese Electrochemical Society. His research group investigates the activation of small molecules with industrial, environmental or biological significance,

including metal-mediated synthesis and catalysis (e.g., functionalization of alkanes under mild conditions), crystal engineering of coordination compounds, design and self-assembly of polynuclear and supramolecular structures, molecular electrochemistry and theoretical studies. He was Chairman of the 25th ICOMC and member of organizing/scientific committees of 40 international conferences or schools. He authored one book (plus four as editor), (co-)authored over 600 research publications, 33 patents, and presented 100 invited lectures at international conferences. His work has received *ca.* 14,000 citations, *h*-index = 56 (Web of Science). Among his honors, he was awarded the Madinabeitia-Lourenço Prize from the Spanish Royal Chemical Society and the Prizes of the Portuguese Chemical and Electrochemical Societies.



Matti Haukka is Professor in Inorganic Chemistry at University of Jyväskylä. He received his M.Sc. 1989 at University of Joensuu, PhD. 1995 at University of Joensuu, appointed Assistant 1995–1997 at University of Joensuu, Junior Research Fellow, Academy of Finland 1998–2000, Senior Research Fellow, Academy of Finland 2000–2005, Senior Assistant at University of Joensuu 2005–2007, Professor in Inorganic Chemistry 2007–20012 at University of Eastern Finland. His research interests cover catalytically, optically and photophysically active metal complexes and non-covalent intermolecular interactions. I'm particularly interested in extended molecular systems including both covalent polymers with metals in the main chain as well as functional non-covalent assemblies of metal complexes and organic compounds. His is author and coauthor of *ca.* 350 papers. His work has received *ca.* 6,500 citations, *h*-index = 38 (Web of Science).



M. Fátima C. Guedes da Silva is Associate Professor, with Habilitation, at Instituto Superior Técnico, Lisbon, Portugal. She is the Coordinator of the research group of Coordination Chemistry and Catalysis of the Centro de Química Estrutural, member of the Coordination Commission of this Centre and of the Directive Board of the Catalysis and Sustainability (CATSUS) PhD program. Her main research interests include: structural determination, by X-ray diffraction analysis, of metal complexes and organic compounds, metal polynuclear assemblies and supramolecular structures; activation, by transition metal centres, of small molecules with biological, pharmacological, environmental or industrial significance; metal-mediated synthesis and catalysis; catalysis in aqueous media; and mechanistic investigation of fast reactions mainly by digital simulation of cyclic voltammetry. She co-authored over 220 research publications, 12 patents, and presented 15 invited lectures at international conferences. His work has received *ca.* 4,000 citations, *h*-index = 33 (Web of Science). She was awarded the Prize of the Portuguese Electrochemical Society (2013).

