



Scientific program of the Symposium

„Quo Vadis” Coordination Chemistry? (A quick view of Imre Tóth’s friends in 2015)



May 8th 2015

*Center of Debrecen Regional Committee of the Hungarian Academy of
Science (MTA DAB Székház) Thomas Mann u. 49, H-4032, Debrecen,
Hungary*

8.30-9.00: Registration

9.00-9.20: Opening and greetings: István Fábián (Head of the Department of Inorganic and Analytical Chemistry, University of Debrecen), **Ákos Pintér** (Dean of the Faculty of Science and Technology, University of Debrecen) and **József Posta** (Chair of Chemical Commission of the Debrecen Regional Committee of the Hungarian Academy of Science).

Section “The Swedish connection”; **Section chairs: István Bányai** (University of Debrecen) **and János Kristóf** (Pannon University, Veszprém).

9.20-9.40: Julius Glaser (KTH, Royal Institute of Technology, Stockholm, Sweden):
“Scientific and personal chemistry with Imre: from 1984 to now”

9.40-10.00: Magnus Sandström (Stockholm University, Sweden): **”How to Treat Old Wrecks: X-ray Spectroscopy of Marine Archaeological Wood”**

10.00-10.15: Staffan Sjöberg (Umeå University, Sweden): **“From hotel Gellert in Budapest to a snowdrift in Umeå”**

10.15-10.30: Ingmar Grenthe (KTH, Royal Institute of Technology, Stockholm, Sweden):
“Coordination chemistry from Alfred Werner and onwards”

10.30-10.45: Mikhail Maliarik (Outotec, Skellefteå, Sweden) **“Coordination Chemistry for sustainable recovery, refining and use of metals”**

10.45-11.00: András Gorzsás (Umeå University, Sweden): **“Coordinating the chemistry - Complexing Umeå and Debrecen”**

11.00-11.20 Coffee break

Section “Round trip to Europe via MRI”; Section chairs: Ervin Berényi (Medical School, University of Debrecen) ***and Ferenc Joó*** (University of Debrecen).

11.20 – 11.40: Joop A. Peters (Delft University of Technology, The Netherlands): **“Relaxing caves; Lanthanide loaded zeolites”**

11.40 – 11.55: Éva Jakab-Tóth (Center of Molecular Biophysics, CNRS, Orléans France) **“Lanthanide coordination chemistry: from slow dissociation to responsive MRI probes”**

11.55 – 12.10: Carlos Platas-Iglesias (University of A Coruña, Spain) **“Kinetically inert metal complexes”**

12.10 – 12.25: Goran Angelovski (Max Plank Institute for Biological Cybernetics, Tübingen, Germany): **“Calcium-responsive MRI Agents: Insights from Coordination Chemistry”**

12.25-13.30: Buffet lunch

Section “From The Netherlands to Australia via Germany and Japan”; Section chairs: László Nyulászai (Technical University, Budapest) ***and Ferenc Krisztián Kálmán*** (University of Debrecen).

13.30 – 13.50: Patric Lindqvist-Reis (Karlsruhe Institute of Technology, Germany): **“Structure and spectroscopic properties of solvent-shared and contact ion pairs in aqueous Ln(III) and An(III) perchlorate solutions”**

13.50 – 14.05: Johannes Lützenkirchen (Karlsruhe Institute of Technology, Germany): **“Charging of small Keggin-ions and adsorption of Europium”**

14.05 – 14.20: Hisanobu Wakita (Fukuoka University, Fukuoka, Japan): **“Future Prospect of Solute Species by X-ray Analytical Methods”**

14.20 – 14.35: Glenn Hefter (Murdoch University, Perth, Western Australia): **“Is there another solvent like water?”**

14.35 – 14.55: Ulrich Kortz, (Jacobs University, Bremen, Germany): **“Polyoxo-Noble-Metalates: A New Class of Polynuclear Coordination Complexes”**

14.55 – 15.20 Coffee break

Section “Home sweet home”; Section chairs: Tünde Jurca (University of Oradea, Romania) ***and Gyula Tircsó*** (University of Debrecen).

15.20 – 15.40: Ernő Brücher (University of Debrecen, Hungary): **“The importance of ternary complex formation in the separation and dissociation of the aminopolycarboxylates of lanthanides”**

15.40 – 16.00: István Bányai (University of Debrecen, Hungary): **“To take or not to take Imre’s advices?”**

16.00 – 16.15: Gábor Dobos (Chemotronik R&D Ltd, Bátorfőnyék, Hungary): **“Ultrasound assisted recovery of platinum group metals from spent automotive catalysts”**

16.15 – 16.30: Andrea Bodor, (Eötvös University, Budapest, Hungary): **“Coordination chemistry: a starting point for NMR spectroscopy”**

16.30 – 16.45: Mihály Purgel (University of Debrecen, Hungary): **“Alumni Metal Complexes: Recent years vs. Past”**

16.45 – 17.00: Tamás Fodor, (University of Debrecen, Hungary): **“A story of an extraordinarily stubborn Tl(III) complex”**

17.00 – 17.20: Imre Tóth, (MRItus professor, University of Debrecen, Hungary): **“My personal Periodic Table”**

17.20-18.00: Closing chaired by György Bazsa (University of Debrecen, Hungary).

