Eighth „Cristofor I. Simionescu“ Symposium
Frontiers in Macromolecular and Supramolecular Science

Location:
May 31 2016 - Romanian Academy, Bucharest

Scientific Program

09:30 - 10:00
Opening
- Welcome address - **Ionel Valentin Vlad**, President of Romanian Academy
- Evocation of Cristofor I. Simionescu - **Virgil Percec**, University of Pennsylvania, Philadelphia, USA

10:00 - 10:40
State-of-the-Art in Modeling of Water and Ionic Solutions
Michael L. Klein, Temple University, Philadelphia, PA, USA

10:40 - 11:20
Fluorine in Peptide and Protein Engineering
Beate Koksch, Freie University of Berlin, Germany

11:20 - 12:00
Polymers for Biological Applications
Jean M. J. Frechet, UC Berkeley, CA, USA and KAUST, Saudi Arabia

12:00 - 12:40
Supramolecular Polymers with Self-regulated Secretion: Towards New Antifouling Materials
Joanna Aizenberg, Harvard University, Cambridge, MA, USA

12:40 - 13:20
Lunch

13:20 - 14:00
Synthesis of Functional Materials using Metathesis Initiators
Robert H. Grubbs, Caltech, Pasadena, USA

14:00 - 14:40
Helical Supramolecular Polymerization of Homochiral, Heterochiral, Racemic and Achiral Building Blocks
Virgil Percec, University of Pennsylvania, Philadelphia, PA, USA

14:40 - 15:20
Synthetic Carbohydrate Materials
Peter H. Seeberger, MPI, Potsdam-Golm and Free University of Berlin, Germany

15:20 - 15:50
Coffee Break

15:50 - 16:30
Chemistry Education for Sustainable Development
Katherine B. Aubrecht, Stony Brook University, NY, USA

16:30 - 17:10
Stimuli-responsive Gels: New Composition Architecture and Functions
Michael Aizenberg, Harvard University, Cambridge, MA, USA

17:10 - 17:50
From Molecules to Macromolecules to Functional Materials: Controlling Structure and Properties through Synthesis
Robert B. Grubbs, Stony Brook University, NY, USA