



DYNAMOL 1st Workshop PROGRAM

European Institute of Chemistry and Biology - Nov. 8-9 2011, Bordeaux-Pessac, France

Tuesday Nov. 8

13h00 Registration

13h45 Welcome address - I. Huc, J. Nitschke

Chair: Stefan Kubik

Univ. Groningen, The Netherlands

14h00 **Sijbren Otto, Plenary Speaker**
Dynamic combinatorial chemistry: from synthetic receptors to nanomaterials

14h50 **Piotr Nowak (ESR)**
Template-directed Dynamic Surface Modification of Gold Nanoparticles

Weizman Institute, Israel

15h00 **Milko van Derboom**
Self-Propagating Molecular Assemblies

Micronit, The Netherlands

15h20 **Elwin Vrouwe**
Microfluidic chip technology

15h40 **Rui Pedro Rijo da Costa Carvalho (ESR)**
Localised Surface Functionalisation within Microfluidic Channels

15 h50 Break

Chair: Olof Ramstrom

Univ. Kiel, Germany

16h20 **Ulrich Lüning**
Dendrimers and Supramolecular Chemistry

16h40 **Laura Bonaventura (ESR)**
Boron-based Dendrimers

EPFL Lausanne, Switzerland

16h50 **Kay Severin**
Supramolecular Chemistry with Boronic Acids

17h10 **Matthew Wise (ESR)**
Clathrochelates as Building Blocks in Structural Supramolecular Chemistry

Univ. Bordeaux, France

17h20 **Ivan Huc**
Folded oligomers with predictable properties

17h40 **Christos Tsiamantas (ESR)**
Dynamic assembly of protein-sized foldamers

17h50 Management Committee

18h20 Return to Hotel Ste Catherine

20h00 diner Restaurant "La Remise"

Wednesday Nov. 9

Chair: Kay Severin

Plenary Speaker

8h30 **Luisa De Cola**
Univ. Münster, Germany
Assembling molecules and nano-objects for optoelectronics and medical applications

Global Phasing, UK

9h20 **Gérard Bricogne**
Title

Univ. Kaiserslautern, Germany

9h40 **Stefan Kubik**
Cyclopeptide-Derived Anion Receptors

10h00 **Serap Yapar (ESR)**
Surface Modification of Gold Nanoparticles Using Template Controlled Ligand Exchange Reactions

10h10 Break

Chair: Milko van Derboom

KTH Stockholm, Sweden

10h40 **Olof Ramstrom**
Enzymes and dynamic systems

Univ. Twente, The Netherlands

11h00 **Aldrik Velders**
Multivalent and orthogonal interactions at the interface

11h20 **Maria Oiconomou (ESR)**
Nanoparticle functionalization with cyclodextrin host molecules

Cambridge Univ, UK

11h30 **Jonathan Nitschke**
Designing structure and function through subcomponent self-assembly

11h50 **William Ramsay (ESR)**
New cube-shaped architectures using different metals' coordination preferences'

12h00 **Ana Maria Castilla (ER)**
Dynamic self-assembly of salicylimines: Towards water-soluble architectures

12h10 Final Remarks, Buffet Lunch and Departure