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**Session 2 Chairwoman : Professor C. DUPONT-GILLAIN**

- 11.00 – 11.15 MATHY Bertrand** OC6  
*Towards a Nano Factory on a Chip*  
Supervisors : A.M. JONAS and B. NYSTEN
- 11.15 – 11.30 SLIWA Aline** OC7  
*Design, Synthesis and Biochemical Evaluation of New Flexible Bridged Bicyclic  $\beta$ -Lactams as Potential Inhibitors of PBPs*  
Supervisor : J. MARCHAND-BRYNAERT
- 11.30 – 11.45 AMIN Amin** OC8  
*Electro-Optic Sampling for Characterization of Nanowired Substrates in the Microwave Range*  
Supervisor : P. ANTOINE
- 11.45 – 12.00 ZANTI Giuseppe** OC9  
*Theoretical Investigation of Bimetallic Palladium-Gold Clusters ( $Pd_nAu_m$ ) and their Interaction with CO Ligands.*  
Supervisor : D. PEETERS
- 12.00 – 12.15 EVIOLITTE Christophe** OC10  
*A New Application of Orthoesters : toward the Synthesis of Alkaloids*  
Supervisor : I. MARKO

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**12.15 – 14.00** *Lunch, Quiz and Poster Session*  
*Discussion with industrials (for selected candidates only)*

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**Session 3 Chairwoman : Professor S. HERMANS**

- 14.00 – 14.15 PRABHAKARAN Aneesh** OC11  
*Metal-Assisted MeV-SIMS: Do Metal Nanoclusters Lead to Organic Signal Improvement in MeV-SIMS?*  
Supervisor : A. DELCORTE
- 14.15 – 14.30 MUGEMANA Clément** OC12  
*Metallo-Supramolecular Diblock Copolymers Based on Heteroleptic Cobalt (III) and Nickel (II) Bis-Terpyridine Complexes*  
Supervisors : C.-A. FUSTIN and J.-F. GOHY
- 14.30 – 14.45 RANGEL GORDILLO Tonatiuh** OC13  
*Modeling of the Electron Transport at the Nano-Level*  
Supervisor : G.-M. RIGNANESE
- 14.45 – 15.00 HERMANT Thomas** OC14  
*Catalysis of Conjugated Reactions by Copper (I) Complexes : Methodologies and Applications*  
Supervisor : O. Riant
- 15.00 – 15.15 VIDICK Deborah** OC15  
*Incorporation of Iron-Cobalt Clusters on Functionalized Carbon Nanofibers*  
Supervisors : S. HERMANS and M. DEVILLERS

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**15.15 – 15.45** *Poster Session and Coffee Break*

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**Session 4 Chairman : Professor R. ROBIETTE**

**15.45 – 16.00 ZUYDERHOFF Emilienne OC16**

*Nano-Organised Collagen Layers Obtained by Adsorption on Demixed Polymer Films*

Supervisor : C. DUPONT-GILLAIN

**16.00 – 16.15 LALOYAUX Xavier OC17**

*Thermo-Responsive and Reactive Polymer Brushes for Anti-Fouling/Antibacterial Surfaces*

Supervisors : A.M. JONAS and B. NYSTEN

**16.15 – 16.30 RESTREPO Oscar OC18**

*Interaction of Energetic Clusters ( $Au_3$ ,  $Au_{400}$  and  $C_{60}$ ) with Organic Material and Adsorbed Gold Nanoparticles*

Supervisor : A. DELCORTE

**16.30 – 16.45 VANDENBERGHE Alécia OC19**

*Botanochemistry as an Alternative Approach to Organic Synthesis*

Supervisors : I. MARKO and S. LUTTS

**16.45 – 17.00 VAN QUAETHEM Anne OC20**

*Synthesis and Characterization of Mechanically Linked Copolymers*

Supervisors : J.-F. GOHY and C.-A. FUSTIN

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**17.00 Closing Remarks by Professor B. ELIAS**

*Reception*

*Barbecue*

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