

## PARTICIPANTS

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## STINT

The Swedish Foundation for International  
Cooperation in Research and Higher Education



**4<sup>th</sup> June**

17:00-19:00 Arrival and check in

20:00 Dinner

**5<sup>th</sup> June**

07:30-09:00 Breakfast

09:00 Introduction - Madeleine

09:15 Madeleine Ramstedt  
*Pseudomonas aeruginosa* colonization of polymer brushes

09:45 Discussion

10:00 Cesar Rodriguez Emmenegger  
Antifouling polymer brushes: towards non-thrombogenic interfaces

10:30 Discussion

10:45 Coffee-break

11:00 Thereza Soares  
Polymyxin Binding to the Bacterial Outer Membrane

11:30 Discussion

11:45 Alexandre Macedo  
Snake venoms peptides and their analogues as inhibitors of bacterial cell adhesion

12:15 Discussion

12:30 Lunch

14:00 Sun Nyunt Wai  
Bacterial membrane vesicles and host interactions

14:30 Discussion

14:45 Stefan Salentinig  
Antimicrobial peptide – lipid nanostructures for the fight against bacteria

15:15 Discussion

15:30 Coffee-break

16:00 Bernt Eric Uhlin  
*Acinetobacter baumannii*, a new challenge to be tackled

16:30 Discussion

16:45 Julien Gautrot  
Cells sense the nanoscale physical properties of their environment

17:15 Discussion

19:00 Dinner

20:00 Discussion

**6<sup>th</sup> June**

07:30-09:00 Breakfast

09:00 Kaline Rabelo Coutinho  
*Theoretical Studies of the Polarization of Molecules in Complex Environments*

09:30 Discussion

09:45 Gabriel Costa Alverni da Hora  
*On the Studies of Protein-Membrane Interactions Through Molecular Dynamics Simulations: LL-37, T6SS and 2 MAG systems*

10:15 Discussion

10:30 Coffee-break

11:00 Roberto Dias Lins Neto  
*Considerations on Computational Engineering of Antigen-Antibody Binding*

11:30 Discussion

11:45 Frederico José de Santana Pontes  
*A Particle-field approach to explore phase space of Lipid A and Lipopolysaccharides membranes*

12:15 Discussion

12:30 Lunch

14:00 Denys Ewerton dos Santos  
*The Validation of Polymer Brush Models: Accounting for New Variables*

14:30 Discussion

14:45 Danyang Li  
*Interaction of nucleic acid molecules with polymer brushes and applications in gene delivery*

15:15 Discussion

15:30 Coffee-break

16:00 Shoghik Hakobyan  
*Characterisation of polymer adsorption to hydroxyapatite monolayers via AFM and ellipsometry*

16:30 Discussion

19:00 Dinner

20:00 Discussion

**7<sup>th</sup> June**

07:30-09:00 Breakfast

10:00 Check Out