

Invitation to the 3rd annual Brainnovation Day at AU

(12 December 2017)

On
Functional Coatings



The aim of the 3rd Brainnovation day on Functional Coatings is to significantly increase dialogue and collaboration between the **industry and AU** (i.e. iNANO and the Departments of Chemistry, Physics, Engineering etc.). This year we will address this specific theme and, in particular, the many challenges associated with choice of technology, material integration, analysis methods, exploitation of new knowledge, etc.

The primary focus of the meeting is on **challenges and problem-solving of industrial problems**. During the day representatives from DanMAX, The Danish Technological Institute and the companies Bollerup-Jensen, Elos Medtech, and Coloplast will address the innovations taking place at their sites and describe some of the challenges they face. Likewise, two iNANO/Chemistry researchers will give an overview of their work in the field of functional coatings.

After poster session, lunch, and an optional guided tour of iNANO or Chemistry, the afternoon will be fully dedicated to networking and brainstorming in focus groups on problems of relevance to the industry. There will also be possibility for a 1:1 session with a researcher (to be booked beforehand).

Discussion themes: The problems or themes for discussion are open for input from the participants. Your input should be sent **beforehand (deadline 4 December)**, by mail to the organizer (yvonneeh@inano.au.dk).

Invitation for Poster presentations: Postdocs and PhD students are strongly encouraged to participate with a poster presentation (of which 10 also will be selected for a short flash presentation in plenum). Please send your **abstract before November 15**, by email to the organizer (yvonneeh@inano.au.dk).

Please register here (deadline December 4, 2017): [Brainnovation Day Registration](#)

Contact at iNANO and Dept. of Chemistry:

Kim Daasbjerg
Email: kdaa@chem.au.dk

Contact at Dept. of Chemistry:

Jørgen Skibsted
Email: jskib@chem.au.dk

Contact at iNANO:

Rikke Louise Meyer
Email: rikke.meyer@inano.au.dk



Preliminary Program

Functional Coatings

12 December 2017

08:30–09:00	Registration and coffee, iNANO Foyer
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Inorganic Materials (Chair, Jørgen Skibsted)	
09:00-09:05	Kim Daasbjerg (Chairman of the Business Committees of iNANO and Department of Chemistry): <i>“Welcome”</i>
09:05-09:25	Professor Bo Brummerstedt Iversen: <i>“Supercritical Synthesis of Ceria Nanoparticles for Corrosion Protection of Steel”</i>
09:25-09:35	Projectleader Mads Ry Vogel Jørgensen <i>“DanMAX - how Big Science can help your R&D”</i>
09:35-09:55	Director Tribology Lars Pleth Nielsen, Danish Technological Institute: <i>“Functional coatings a fast-track to business success”</i>
09:55-10:15	Technical Manager Bent Larsen, Bollerup-Jensen: <i>“Surface Coating with Silicate”</i> .
10:15-10:30	5x poster flash talks (2 slides / 3 min per person) 15 min total
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10.30-11:00	Posters and Coffee
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Organic Materials (Chairs, Rikke Louise Meyer and Morten Foss)	
11:00-11:05	Welcome back
11:05-11:25	Associate Professor Steen Uttrup Pedersen: <i>“Organical Chemical Functionalizing of Surfaces”</i>
11:25-11:45	Research Manager Ole Zoffmann Andersen, Elos Medtec: <i>“Advanced Coating Systems for Implantable Medical Devices”</i>
11:45-12:05	Chief Principal Scientist Niels Jørgen Madsen, Coloplast: <i>“Hydrophilic Coating - Living tissue interaction”</i>
12:05-12:20	5x poster flash talks (2 slides / 3 min per person)
12:20-12:30	Presentation of discussion groups
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12:30-13:30	Posters and Walking lunch
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13:30-15:00	Group Discussions, Book a Researcher
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15:00-16:00	Networking and Coffee. Optional Tour of iNANO or Dept. of Chemistry
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