Invitation to Brainnovation Day at AU
(26 October 2015)
On
Food Safety and Water

The Brainnovation day on Food Safety and Water is the first step to significantly increase dialogue and collaboration between the industry and AU (i.e. iNANO and the Departments of Chemistry, Physics, and Engineering). This year we will address these two specific themes and, in particular, the many challenges associated with choice of technology, material integration (including, but not limited to surfaces, nanoparticles, membranes, filtration, etc.), analysis methods, exploitation of new knowledge, etc.

The primary focus of the meeting is on challenges and problem-solving of industrial problems. For that purpose an overview of the advanced analysis techniques available at iNANO will be given during the morning. Also, Grundfos and AVK Gummi A/S will address the innovation taking place at their sites. Finally, the key parameters required for having a successful collaboration between the industry and university will be highlighted.

After poster session, lunch, and a guided tour of iNANO, the afternoon will be dedicated fully to networking and brainstorming in focus groups on problems of relevance to the industry. Importantly, the problems or themes to be discussed are to be determined by the participants beforehand, and should be sent by mail to the organizing committee in due time before the meeting.

Please register here (deadline 20 October 2015): Brainnovation Day Registration

Contacts at iNANO:
Kim Daasbjerg, Professor in Organic Surface Chemistry
Email: kdaa@chem.au.dk

Jørgen Kjems, Director and Professor in Molecular Biology and Nanoscience
Email: kjems@inano.au.dk

Morten Foss, Senior Researcher in the Biomedical Surface Group
Email: foss@inano.au.dk

Rikke Louise Meyer, Associate Professor in the Biofilm Group
Email: foss@inano.au.dk

Peter Thostrup, Deputy Director
Email: thostrup@inano.au.dk

Yvonne Eskildsen-Helmond, Scientific Coordinator
Email: yvonnneeh@inano.au.dk

Christina Krosgård Nielsen, PhD Student in nanotechnology
Email: christ@inano.au.dk

Contact at Dept. of Chemistry:
Søren Keiding
Email: keiding@chem.au.dk

Contact at Dept. of Physics:
Peter Balling
Email: balling@phys.au.dk

Contact at Dept. of Engineering:
Peter Harling Lykke
Email: ply@eng.au.dk
Program
Food Safety and Water
26 October 2015

Interdisciplinary Nanoscience Center (iNANO)
Building 1593-012 (iNANO Auditorium)
Gustav Wieds Vej 14
8000 Aarhus C

08:30–09:00  Registration, iNANO Foyer
09:00–09:05  Kim Daasbjerg (Chairman of the iNANO Business Committee): Welcome
09:05–09:15  Jørgen Kjems (Director of iNANO): Who are we at iNANO and what are our strengths?
09:15–09:30  Søren Keiding (Chairman of the Business Committee at Chemistry), Peter Balling (Chairman of the Business Committee at Physics), and Thomas S. Toftegaard (Head of the Dept. of Engineering): Industrial collaboration at the Departments of Chemistry, Physics, and Engineering
09:30–10:00  Jørgen Kjems and Arne Möller (Assistant Professor at iNANO): What may microscopy techniques (e.g. confocal and TEM) be used for?
10:00–10:20  Anders Guldbæk Christensen (Sales and R&D Director at AVK Gummi A/S): Innovation at AVK Gummi A/S
10:20–10:50  Coffee Break/Poster Session/Networking, iNANO Foyer
10:50–11:20  Morten Foss (Senior Researcher): What may surface analysis techniques (e.g. XPS, ToF-SIMS, AFM, and SEM) be used for?
11:20–11:40  Allan Hjarbæk Holm (Senior Development Engineer at Grundfos): Innovation at Grundfos
11:40–12:10  Nicolaj Højer Nielsen (Entrepreneur, Investor, and External Professor at Copenhagen Business School): Experiences on industry-university collaborations and advice on how to commercialize inventions made at the university
12:10–13:00  Lunch, iNANO Foyer
13:00–13:30  Guided Tour of iNANO
13:30–15:30  Discussion of relevant problems submitted by the participants* (focus groups): iNANO Foyer + Rooms 213 and 231
15:30–16:00  Coffee and Cake/Poster Session/Networking

* Topics for the focus groups within the two main themes (i.e. food safety and water) are open for input from the participants. To which problems are you seeking a solution and/or a potential partner?

Example topics: Inert surfaces, corrosion protection, watertight seals, antifouling, formulation of food ingredients, nanosensing, etc.

Please mail your suggestions before 20 October 2015 to: yvonneeh@inano.au.dk