

Invitation to Brainnovation Day at AU

(7 November 2016)

On Sensors and Diagnostics

The aim of the Brainnovation day on Sensors and Diagnostics is 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, analysis methods, exploitation of new knowledge, etc.

The primary focus of the meeting is on challenges and problem-solving of industrial problems. In the morning session representatives from the companies Unisense, Foss Analytics, Bioporto, and Kamstrup will address the innovation taking place at their sites and describe some of the challenges they face. Likewise, two iNANO researchers will give an overview of their work in the field of sensor technologies.

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 3 November 2016): [Brainnovation Day Registration](#)



Contact at iNANO and Dept. of Chemistry:

Kim Daasbjerg
Email: kdaa@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

Sensors and Diagnostics

7 November 2016

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 Business Committees of iNANO and Dept. Chem.): <i>Welcome</i>
09:05–09:30	Unisense (Søren Porsgaard): Microsensors for dissolved gases
09:30–9:55	Kamstrup (Jens Lykke Sørensen): Water Sensor Development at Kamstrup
9:55–10:20	Duncan Sutherland (iNANO): Optical sensors based on plasmonic nanoparticles
10:20–11.00	Coffee/Posters students, iNANO Foyer
11:00–11:25	Foss Analytical (R&D Manager Tamir Gil; Front End Innovation): Dedicated biosensor solutions
11.25–11.45	Bioporto (Kristian Bangert): "Biomarkers, Antibodies and diagnostics. Experiences from University-small industry collaborations: Needs and challenges"?
11.45–12.10	Elena Ferapontova (iNANO): Electrochemical sensors for biomedical research
12:10–12:20	Presentation of discussion subjects/groups
12:20–13:15	Lunch , iNANO Foyer, Posters
13:15–13:45	Guided Tour of iNANO
13:45–15:30	Discussion of relevant problems submitted by the participants* (focus groups): iNANO Foyer + Rooms 213 and 231
15:30–16:00	Coffee and Cake/Networking

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

Please mail your suggestions before 2 November 2016, to: yvonneeh@inano.au.dk