



## Programme for LASERLAB.DK annual meeting 22 November 2019

*Merete Barker Auditoriet (1253-211), Aarhus University, Bartholins Allé 3, 8000 Aarhus C*

Time	Speaker	Title
9:45-10:10	Arrival – coffee and bread rolls	
10:10-10:20	<b>Michael Drewsen</b> Department of Physics and Astronomy Aarhus University	Introduction
10:20-10:40	<b>Cyrille Solaro</b> Department of Physics and Astronomy Aarhus University	Direct frequency comb manipulation of single ions: from qubits to beyond the standard model
10:40-11:00	<b>Pernille Klarskov</b> Department of Engineering Aarhus University	Non-contact imaging of electrical conductivity with terahertz nanoscopy
11:00-11:30	<b>Sergey Bozhevolni</b> The Mads Clausen Institute University of Southern Denmark	Fundamentals of plasmonics: Perspectives and limitations
11:30-12:00	<b>Poul Martin Bendix</b> Niels Bohr Institute University of Copenhagen	Interregation of cell surface dynamics by using optical manipulation and thermoplasmonics
12:00-13:00	Lunch	
13:00-13:30	<b>Peter Bjerring</b> Department of Clinical Medicine Aalborg University Hospital	Advanced laser treatments for skin diseases
13:30-13:50	<b>Lasse Haahr-Lillevang</b> Technological Institute	3D printers: technology, application and future possibilities
13:50-14:10	<b>Simon Lehnskov Lange</b> Department of Photonics Engineering Technical University of Denmark	Development of a new class of photomultiplier tubes sensitive to mid-IR and THz radiation
14:10-14:30	Coffee, fruit and cake	
14:30-15:00	<b>Hans Ole Nielsen</b> Force Technology	Center for Applied Photonics – purpose and activities
15:00-15:30	<b>Peter Moselund</b> NKT Photonics	Industrial laser research collaborations beyond the state of the art
15:30-15:45	<b>Peter Uhd Jepsen</b> Department of Photonics Engineering, Technical University of Denmark	Outro
15:45	Lab visit to LASERLAB.DK facilities at AU	

**Registration** No later than **12 November** at <https://events.au.dk/LASERLABDK-Annual-Meeting-2019>