Oslo FUNMAT @ UiO Seminar, March 30
Faculty of Dentistry, Institute of Clinical Dentistry, Geitmyrsveien 71
Auditorium I

Program

9:10 – 9:30		**Registration / Coffee**
9:30 – 10:00	Truls Norby	Opening remarks
10:00 – 10:15	Ole Martin Løvvik	*First-Principle Calculations on Materials for Hydrogen Technology*
10:15 – 10:30	Smagul Karazhanov	*Electronic Structure and Optical Properties of ZnX (O, S, Se and Te)*
10:30 – 10:45	Anuradha M. Ashok	*A Structural Study of $(Ba_{1-x}Ca_x)_6Nb_2O_{11}$ Perovskite*
10:45 – 11:10		**Coffee break**
11:10 – 11:25	Knut Fægri	*FUNMAT Consortium – an Experiment in Norwegian Research*
11:25 – 11:40	Daniel Shantsev	*Dendritic Thermo-magnetic Instability in Superconductors*
11:40 – 11:55	Åge Olsen	*Flux penetration in a superconducting MgB_2 ring*
11:55 – 12:10	Øyvind Haugen	*Thermal Imaging at Low Temperature*
12:10 – 12:20	Atoosa Maleki	*Novel Functional Polymer Materials for Drug Delivery Applications*
12:20 – 12:35	Ashok P. Haridas	*xMatPro – Database for Defect, Chemical and Transport Properties*
12:35 – 13:35		**Lunch**

13:35 – 13:50	Christian Kjølseth	*Grain boundary characterization of barium zirconate*
13:50 – 14:05	Thomas Moe Børseth	*Annealing studies of ZnO*
14:05 – 14:20	Marc Avice	*A Study of Al_2O_3 as a Dielectric Gate on 4H-SiC*
14:20 – 14:35	Annett Thøgersen	*A study of Silicon Nanocrystals made by Sputtering and Heating using TEM and XPS*
14:35 – 14:50	Spyros Diplas	*Characterisation of Thin films for 3rd Generation Photovoltaics*
14:50 – 15:00	Karina B. Klepper	*Thin Films of Hybrid Materials by ALCVD*
15:00 – 15:20	Ståle P. Lyngstadås, Håvard Haugen	*Dentistry Lab Tour and Presentation (in groups)*
15:20 – 15:45		**Coffee Break**
15:45 – 16:00	Håvard Haugen	*Microstructured Ti Surface as an Active Stimulator for Bone Growth*
16:00 – 16:15	Nalini Vajeeston	*High-Temperature Protonic Conduction in TiP_2O_7*
16:15 – 16:30	Stian Svelle	*Hydrocarbon Reactions Over Acidic Zeolite Nanoporous Type Catalysts: Elucidation of Diffusional, Electronic and Acid Strength*
16:30 – 17:30	Bert Weckhuysen, Utrecht University, Inorganic chemistry and catalysis	*Catalysis Live and Up Close: Snapping Catalysts at Work*
17:30 – 17:40	Truls Norby	Closing remarks
18:30 –		**Dinner**