

Dansk Selskab for Medicinsk Fysik, DSMF, Årsmødeprogram
Mandag d. 22/5 2017

Dansk Fysisk Selskab, DSF, Årsmødeprogram
Mandag d. 22/5 2017

09:15	Welcome and registration				Welcome and registration				Welcome and registration			
09:30	DSMF Diagnostics	DSMF Radiation Therapy	DSMF Nuclear	Orientering om hospitalsfysik	Welcome and registration				Welcome and registration			
09:45												
10:00	Welcome address by Kristoffer Haldrup, President of the Danish Physical Society				Welcome address by Kristoffer Haldrup, President of the Danish Physical Society				Welcome address by Kristoffer Haldrup, President of the Danish Physical Society			
10:15	Plenary, Prof. Dr. Tony Lomax, Accelerator-based particle therapy with protons and ions				Plenary, Prof. Dr. Tony Lomax, Accelerator-based particle therapy with protons and ions				Plenary, Prof. Dr. Tony Lomax, Accelerator-based particle therapy with protons and ions			
10:30												
10:45												
11:00	Company presentation, Varian				Photonics				X-ray and Neutron Science I			
11:15	Young Physicist DSMF Award				Eben Skovsen, "Nonlinear optical spectroscopy and imaging"				Niels B. Christensen, "Neutron Diffraction at extreme magnetic fields"			
11:30	DSMF Poster Session				Niels Gregersen, "Quantum Light Sources - A tutorial"				Henriette Hansen, "High-pressure neutron experiments on glass-forming liquids"			
11:45									Anine Borger, "Will wide-angle X-ray scattering reveal molecular alignment in molts."			
12:00	Lunch				Lunch				Lunch			
12:15												
12:30												
12:45												
13:00	Oline Vinter, "Automatic patient motion correction in medical scanners, PET and MRI"				Low-dimensional systems				Teaching and Outreach			
13:15					Jill Miwa, "Digging up the band structure of buried layers"				Louise Kindt, "Game-based learning with citizen science"			
13:30					Thomas Olsen, "Screened Hydrogen Model of Excitons in 2D Materials"				Martin M. Nielsen, "The most powerful X-ray laser in the World - the European XFEL"			
13:45	Coffee								Lise Sandberg, "Ultrafast dynamics of photo-excited iron complexes"			
14:00	ERFA møde med SIS				Christine P. Pedersen, "GaAs Quantum Dots in AlGaAs Nanowires"				Mads Laursen, "Breaking Structural Correlations with high-energy TR-WAXS"			
14:15	Prof. Klaus Schäfers, "Motion correction and the awake mouse"								Hugh Simons, "Mesoscale symmetry breaking by dislocations in complex metal oxid."			
14:30					Coffee				Jens Krog, "Bayesian Model Selection and information content model checking"			
14:45	Coffee								Coffee			
15:00	Plenary, Prof. Jens Hesselbjerg, "When climate science meets decision making"				Plenary, Prof. Jens Hesselbjerg, "When climate science meets decision making"				Plenary, Prof. Jens Hesselbjerg, "When climate science meets decision making"			
15:15												
15:30												
15:45					Solid State Physics				Astro- and Space Physics			
16:00	General Assembly, DSMF				Kirstine Niss, "Dynamics of glass-forming Liquids - from picoseconds to kiloseconds"				Darach Watson, "The first Normal Galaxy in the Universe"			
16:15	General Assembly, DSMF				Ulfi Pedersen, "Theory of Thermodynamics of Melting"				Desiree Della Monica, "Mirrors for the Athena X-ray Observatory"			
16:30					Rasmus T. Pedersen, "Decomposition of the Bragg glass in a Type-II superconductor"				Christoph Köhn, "X-ray production by streamer discharges in air"			
16:45					Kasper Grove-Rasmussen, "Sub-gap states in Superconductor-semiconductor nanowires"				Carol Oxborrow, "ASIM: Hunting Extreme Lightning from the ISS"			
17:00												
17:15												
17:30					Plenary, Tim Booth, "Just the Right Layers"							
17:45												
18:00												
18:15	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	
18:30												
18:45												
19:00												
19:15												
19:30	After-Dinner talk, Prof. Maja Horst, "How to speak on behalf of science in public"				After-Dinner talk, Prof. Maja Horst, "How to speak on behalf of science in public"				After-Dinner talk, Prof. Maja Horst, "How to speak on behalf of science in public"			
19:45												
20:00	Posters and beer, sponsored by JJ X-ray and Xnovotech				Posters and beer, sponsored by JJ X-ray and Xnovotech				Posters and beer, sponsored by JJ X-ray and Xnovotech			
20:15	http://www.jjxray.dk/				http://www.jjxray.dk/				http://www.jjxray.dk/			
20:30	http://xnovotech.com/				http://xnovotech.com/				http://xnovotech.com/			
21:00												
	Tirsdag d. 23/5 2017											
	Breakfast				Breakfast				Breakfast			
09:00												
09:15												
09:30												
09:45					Energy Materials				KIF			
10:00					Jakob Kibsgaard, "Sulphide- and phosphor-based Active Catalysts for sustainable hydrogen production"				Stefania Xello "The fascinating world of elementary particles"			
10:15									Sandra Raimundo "Feeding supermassive black holes in the centre of galaxies"			
10:30					Jesper Rasmussen, "The DTU Fusor - fusion power at your fingertips"							
10:45					Joanna Symonowicz, "CZTS nanoparticles for thin-film solar cells"							
11:00					Rebecca Etlinger, "High-energy deposition methods for CZTS and CTS solar cells"							
11:15	Coffee				Coffee				Coffee			
11:30												
11:45												
12:00	DFS General assembly and presenter awards											
12:15												
12:30	Lunch				Lunch				Lunch			
12:45												
13:00												
13:15												
13:30												
13:45												
14:00					Biophysics				KIF			
14:15					Illa Solov'yov, "VIKING - a computational microscope for biophysical applications"				Kristin Kaltenhäuser "Inclusive Physics Teaching"			
14:30					Claus Nielsen, "An electron transfer study of protein radicals"				Followed by a general discussion on gender inclusive physics teaching and a gender inclusive academic environment.			
14:45					Ida Friis, "How fast is DNA repair?"							
15:00					John Ipsen, "Shape and in-plane order of the biomembrane"							
15:15	Coffee and goodbyes				Coffee and goodbyes				Coffee and goodbyes			