

Fysikermøtet 2021

Monday, 21 June 2021

Parallele Foredrag: Block A II - Subatomic/Astro (16:00 - 17:30)

time	[id] title	presenter
16:00	[56] Observation of a multimode quasi-normal spectrum from a perturbed black hole	NIELSEN, Alex
16:20	[44] Analysis of the stellar origin black hole SGWB detected by LISA	MARCOCCIA, Paolo
16:40	[43] Detecting inflationary gravitational waves with the LiteBIRD satellite	AURLIEN, Ragnhild
17:00	[47] Search for gravitational wave echoes in LIGO/Virgo data	ABEDI, Jahed

Parallele Foredrag: Blokk A - Space/Plasma/Climate (16:00 - 17:30)

time	[id] title	presenter
16:00	[38] Reconstruction of intermittent data time series by deconvolution	AHMED, Sajidah
16:20	[39] Estimating temperature response to volcanic eruptions	Mr ENGER, Eirik
16:40	[61] Axial and radial development of the hot electron distribution from a helicon plasma source, measured by a retarding field energy analyzer (RFEA).	BUSCHMANN, Lisa
17:00	[58] Finding an elephant in the aurora – Using machine learning to classify Northern lights images and predict phenomena	SADO, Pascal

Tuesday, 22 June 2021

Parallele Foredrag: Blokk B III - Space/Plasma/Climate (13:30 - 15:00)

time	[id] title	presenter
13:30	[62] The Local Mapping of Polar ionospheric Electrodynamics (LOMPE) approach to assimilation of regional ionospheric data	Dr HATCH, Spencer
13:50	[68] Electrojet estimates from mesospheric magnetic field measurements	LAUNDAL, Karl
14:10	[73] Simulation of near-solar dust trajectories influenced by mass loss	MANN, Ingrid
14:30	[41] Neutral winds and electric fields with EISCAT 3D	STAMM, Johann

Parallele Foredrag: Blokk B II - Condensed matter (13:30 - 15:00)

time	[id] title	presenter
13:30	[48] Magnetic transitions in an Inverse Vanadium Spinal oxide	BHAT KADEMANE, Abhijit
13:50	[49] Bulk Properties Of One-Dimensional Magnetism in β -VOSO ₄	Mr AGU, Chidozie
14:10	[70] Applying the 'MaXrd' package in research on inclusion compounds	Mr RAMSNES, Stian
14:30	[50] Magnetic ordering in SrTm_2O_4 : muon induced distortion effects	BHAT KADEMANE, Abhijit

Parallele Foredrag: Blokk B - Subatomic/Astro (13:30 - 15:00)

time	[id] title	presenter
13:30	[45] Hvorfor simulerer vi våre detektorer?	ERSDAL, Magnus Rentsch
13:50	[55] Charmonium production in pp collisions with ALICE	MCKIBBEN LOFNES, Ingrid
14:10	[60] Beauty production through non-prompt J/Psi in pp and Pb-Pb collisions with ALICE	SÆTRE, Jon-Are
14:30	[66] Reconstruction of B mesons with ALICE	STOREHAUG, Ida

Parallele Foredrag: Blokk C II - Space/Plasma/Climate (15:30 - 17:10)

time	[id] title	presenter
15:30	[72] Numerical simulations of plasma turbulence in the boundary of fusion experiments	DECRISTOFORO, Gregor
15:50	[40] Estimation of stochastic model parameters on single point and two point time series	LOSADA, Juan
16:10	[74] Current understanding of mesospheric bores – characteristics, effects and observational challenges	NARAYANAN, Viswanathan Lakshmi
16:30	[46] Turbulent signatures in the Auroral Cusp Ionosphere based on sounding rocket observations	Dr DI MARE, Francesca

Parallele Foredrag: Blokk C - Subatomic/Astro (15:30 - 17:10)

time	[id] title	presenter
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15:30	[54] Test of the Brink-Axel Hypothesis in the Energy Region of the Pygmy Dipole Resonance in Sn Isotopes	Mrs MARKOVA, Maria
15:50	[75] Indirect measurements of neutron capture rates for astrophysical i-process	POGLIANO, Francesco
16:10	[76] Measuring nuclear properties of 187-188Re	BJØRØEN, Marianne
16:30	[57] Deep learning jet modifications in heavy-ion collisions	Dr DU, YILUN
16:50	[69] Årsmøte Subatomær fysikk og astrofysikk	

Wednesday, 23 June 2021

Parallele Foredrag: Blokk D - Space/Plasma/Climate (16:00 - 17:50)

time	[id] title	presenter
16:00	[65] NOx - the chemical fingerprint of the aurora	Mr ZÚÑIGA LÓPEZ, Héctor Daniel
16:20	[63] Is there a link between storms in space and storms on earth?	Dr TYSSØY, Hilde Nesse
16:40	[64] Auroral oval boundary estimates from ground magnetometer measurements	Mr WALKER, Simon
17:00	[71] Comprehensive analysis of scintillations over the Troll station using the all-sky camera and GNSS receiver	KOTOVA, Daria

Parallele Foredrag: Blokk D II - Subatomic/Astro (16:00 - 17:50)

time	[id] title	presenter
16:00	[59] Pandemic dark matter	BRINGMANN, Torsten
16:20	[67] Global fits beyond the "standard models"	KVELLESTAD, Anders
16:40	[53] Quantum Field Theory and Geometry	SVANES', Eirik Eik