

Poster	NAME	SURNAME	POSTER TITLE
<b>Wednesday March 29th 2023</b>			
1	Markus	Ahlskog	Capillary interaction driven ordering of multiwalled carbon nanotubes at the air-water interface
2			
3	Natalia	Vakula	Composite silica fiber with YbPO4 nanocrystals
4	Ivan	Kassamakov	3D Printed Micro-optics for Enhancing Lateral Resolution of Coherence Scanning Interferometry
5	Zhenyu	Xu	NA
6	Sanaaz	Zarabi Golkhatmi	Development of CuFe2O4 Ink for the First Time as a Promising Electrode Ink for Inkjet Printing of Low-Temperature Ceramic Fuel Cells
7	Rafael	Nuñez	Sensitivity of rt-TDDFT electronic stopping calculations in semiconductor crystals with plane-wave pseudopotentials.
8	Hongyang	Zhou	NA
9	MD	Thasfuzzaman	Formation of Hydrated Magnesium Carbonate Cement from the Carbonation of Magnesium Hydroxide/Brucite
10	Kristian	Arias	Theoretical Analysis of Loss-driven Topological Transitions in Lasing
11	Juska	Sojento	Turbulence generated by large-scale velocity shears in the solar wind
12	Sami	Harni	Effects of emission sources on the particle number size distribution measured in the residential area
13	Satumaaria	Sukuvaara	Introducing fluctuations to simulations of early universe bubble collisions in O(N) scalar field theory
14	Yaraslau	Tamashevich	2D Weyl Materials in the Presence of Constant Magnetic Fields
15	Kirsi	Ikonen	Advancing photonics students' employability skills via company collaboration
16	Anna-Sofia	Jylhä	The low frequency breakpoint in magnetic field spectra from CMEs
17	Jani	Taskinen	Measurement of the Quantum Geometry Tensor in a Plasmonic Lattice
18	Henhao	Chen	Study of Helium Bubble Immersion in Additively Manufactured Refractory High Entropy Alloy
19	Sana	Farhoudian	Do furans auto-oxidize? Flow reactor investigations with chemical ionization mass spectrometry detection
20	GHULAM UME	FARWA	Electron-to-proton ratios in solar energetic particle events
21	Milad	Ghaemkermani	NA
22	Simon	Good	Balanced Alfvénic fluctuations inside interplanetary coronal mass ejections
23	Pascal	Henkel	Exploring the mixed-metal chalcogenides A2BCh2X3 compound space for photovoltaic applications
24	Ville	Härkönen	Many-Body Green's Function Theory Beyond the Born-Oppenheimer Approximation
25	Antti	Kannialainen	Towards an optical interface for donor spin qubits in silicon
26	Jussi	Kelavuo	Generalized lattice-sum approach for predicting optical responses of hybrid metasurface-waveguide systems
27	Inkeri	Kontro	Who wants to be a physicist? Incoming student attitudes at the University of Helsinki
28	Mayank	kumar	NA
29	Kurt	Meier	Superconducting Spintronics and Nonequilibrium Effects
30	Jouko	Nieminen	Atomistic modeling of a superconductor-transition-metal chalcogenide-superconductor Josephson junction
31	Henri	Lyrra	Optomechanical Readout of Donor Spins in Silicon
32	Juulia	Zhelezova	Point defects in beta-Ga2O3
33			
34	Maryam	Khosraviyan	Highly tunable induced topological superconductivity in twisted bilayer graphene
35	Ekaterina	Mukhanova	Generation of a cluster state cell in a Josephson parametric system
36	Mikko	Kivekäs	Quantitative thin film depth profiling using low energy heavy ion ToF-ERDA
<b>Thursday March 30th 2023</b>			
1	Seve	Nyberg	Modeling Wave Evolution in Heliospheric Plasma
2	Joonas	Ojala	Optical emission spectroscopy of nanoparticle flame for active optical fiber fabrication
3	Elizabeth Louis	Perreira	Non-Hermitian topological modes from local loss engineering in photonic arrays
4	Prajwal	Dattatray	Pisal
5	Tapio	Rantala	A data-driven approach toward designing efficient catalysts for CO2 to methanol conversion
6	Tom	Rinell	Feynman Path Integral Approach to Quantum Dynamics and Eigenstates
7	Julia	Ruohotte	Exploring the optimality of approximate state preparation quantum circuits with a genetic algorithm
8	Mika	Sarvilahti	Intermittency in interplanetary coronal mass ejections at 1 au and in the inner heliosphere
9	Henri	Savolainen	Bayesian optimization of discrete dislocation plasticity of two-dimensional precipitation-hardened crystals
10	Rikka	Seppä	NA
11			The scaling of 't Hooft-Polyakov monopoles in the early universe
12			
13	Panu	Hildén	Extended depth of field of an imaging system with an annular aperture
14	Mila	Hurskainen	Comparison of thin film surfaces to study salivary biomarkers of oral diseases by Surface-Enhanced Raman Spectroscopy
15	Matti	Kallioaksi	Analysis of Solid-State Nuclear Track Detectors With Optical Scanning System
16	Armi	Tiihonen	More trustworthy Bayesian optimization of perovskite materials by adding humans into the loop
17	Hilkka	Timonen	Proof-of-Concept project to develop a novel instrument based on cantilever-enhanced photoacoustics for global black carbon monitoring
18	Taneli	Tolppanen	Numerical Analysis of Measurement Induced Phase Transition in a Transmon Array
19	David	Trejo Garcia	Path Integral Monte Carlo approach to properties of Photonic Materials
20	Xudong	An	Deuterium induced defects and embrittlement behavior of a Co-free high entropy alloy
21	Nitik	Bhatia	Infra-red spectra of functionalized copper nanoparticles using ab initio molecular dynamics
22	Markus	Peil	GaSB quantum dots emitting in the telecom S-band for quantum communication
23	Eiina	Kauppinen	Isosvector and isoscalar spin-multipole giant resonances in the parent and daughter nuclei of double-β-decay triplets
24	Lassi	Lehtisyrjä	High transparency superconductor-insulator-semiconductor tunnel junctions for thermionic cooling of quantum devices
25	Aleksi	Leino	Molecular dynamics studies on swift heavy ion-induced nitrogen-vacancy center formation in diamond
26	Ari-Pekka	Leppänen	Voluntary radiation measurement team to enhance the radiation measurement preparedness in Finland
27	PENG	LIU	Towards the Synthesis of Semiconducting Single-Walled Carbon Nanotubes by Floating-Catalyst Chemical Vapor Deposition
28	Eryang	Lu	Vacancy diffusion in equi-atomic WMoTaVNB refractory high entropy alloy
29	Madona	Melchael	Multiply-resonant Waveguide Gratings for Enhanced Second-harmonic Generation
30	Henrik	Mäkinen	Laboratory-based X-ray phase-contrast and dark-field imaging
31	Zixuan	Ning	Photoluminescence of 1T-TaS2 at different phases
32	Abdulmajid	Yusuf	Development of computational magnetic resonance fingerprinting methods based on NMR Bloch flow equations and artificial neural networks for differentiating intra-axial brain tumors.
33	Anna-Kaisa	Viitanen	Urban Physics - Using Physics to Design Sustainable Cities
34	Jan	Åström	NA
35	Tytti	Kärki	A Quasi-Two-Dimensional Analogy to Axisymmetric Three-Dimensional Liquid Drops