

THU 7.9.		FRI 8.9	
Chemicum A110		Chemicum A129	
08:30	Opening, K. Muinonen and A. Sihvola	T. Hovatta	Radio view of magnetic fields around relativistic jets
08:45	A. Virkki	J. Harju	ALMA discovers a de-icing zone in a prestellar core
09:00	Radio and radar astronomy at the Arecibo Observatory	M. Juvela	Polarised emission from interstellar dust clouds
09:15	N. Zubko	M. Saajasto	Molecular radio line observations of a galactic star forming cloud G82.65-02.00
09:30	A. Wallin	J. Herranen	Effect of Scattering Dynamics on Model Dust Polarization
09:45	K. Lehtinen		
10:00	Occultations of compact radio sources by asteroids		
10:15	coffee	coffee	
10:30	G. Videen	C. Simovski	Enhancement of organic solar cells by silver nanoantennas
10:45	Microphysical Properties of Regolith and Obtaining Information through Modeling	F. Liu	Tunable function from tunable metasurfaces
11:00	J. Markkanen	D. Tzarouchis	Plasmonic resonances and excitation-free modes on Platonic solids
11:15	Electromagnetic scattering by dense discrete random media: Numerical solution via radiative transfer with reciprocal transactions R2T2	A. Diaz Rubio	Full control of reflection: spatial power modulation and its consequences
11:30	T. Väisänen	X. Wang	Systematic design of perfect metasurface absorber for ink-printing technology
11:45	J. Martikainen		
12:00-13:30	lunch @ Chemicum	12:00-13:30	lunch @ Chemicum
	Physicum D101		Exactum A111
13:30	J. Haapamaa	T. Kiuru	Harnessing the power of millimeter wave radar for improving the orientation and mobility of the visual impaired
13:45	H. Rantanen	M. Gritsevich	Challenges in interpreting meteor detections based on middle and upper atmosphere radar measurements
14:00	M. Melvasalo	V.-M. Pelkonen	3D radiative transfer code for polarized scattered light with aligned grains
14:15	O. Myllynen	K. Muinonen	Multiple scattering by discrete random media of Rayleigh scatterers using first-order incoherent interactions
14:30	D. Korpi		Discussion, K. Muinonen
14:45	J. Ruoskanen		
15:00	Discussion		
15:15	coffee	coffee	
15:30	J. Praks		
15:45	Aalto-1 satellite first months in orbit		
16:00	A. Penttilä		
	Full Mueller matrix single particle scatterometer		