

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	Radio and radar astronomy at the Arecibo Observatory	J. Harju	ALMA discovers a de-icing zone in a prestellar core	
09:00	N. Zubko	New VGOS radio telescope at Metsähovi Geodetic Research Station	M. Juvela	Polarised emission from interstellar dust clouds	
09:15	A. Wallin	Initial results from the MIKES-Metsähovi time and frequency link	M. Saajasto	Molecular radio line observations of a galactic star forming cloud G82.65-02.00	
09:30	K. Lehtinen	Occultations of compact radio sources by asteroids	J. Herranen	Effect of Scattering Dynamics on Model Dust Polarization	
10:00	coffee		coffee		
10:15					
10:30	G. Videen	Microphysical Properties of Regolith and Obtaining Information through Modeling	C. Simovski	Enhancement of organic solar cells by silver nanoantennas	
10:45			F. Liu	Tunable function from tunable metasurfaces	
11:00	J. Markkanen	Electromagnetic scattering by dense discrete random media: Numerical solution via radiative transfer with reciprocal transactions R2T2	D. Tzarouchis	Plasmonic resonances and excitation-free modes on Platonic solids	
11:15			A. Diaz Rubio	Full control of reflection: spatial power modulation and its consequences	
11:30	T. Väistönen	Multiple scattering modeling pipeline for spectroscopy, polarimetry, and photometry of airless Solar System objects	X. Wang	Systematic design of perfect metasurface absorber for ink-printing technology	
11:45	J. Martikainen	Retrieving complex refractive indices using multiple-scattering methods			
12:00-13:30	lunch @ Chemicum		12:00-13:30	lunch @ Chemicum	
	Physicum D101			Exactum A111	
13:30	J. Haapamaa	Synthetic Aperture Radar and Signature Management of Ground Targets: Numerical Approach	T. Kiuru	Harnessing the power of millimeter wave radar for improving the orientation and mobility of the visually impaired	
13:45	H. Rantanen	Radio Technical Evolution in the Finnish SDR Program	M. Gritsevich	Challenges in interpreting meteor detections based on middle and upper atmosphere radar measurements	
14:00	M. Melvasalo	Co-Existence of Communication and Radar Systems	V.-M. Pelkonen	3D radiative transfer code for polarized scattered light with aligned grains	
14:15	O. Myllynen	Performing side channel attack on a commercial AES-256 device	K. Muinonen	Multiple scattering by discrete random media of Rayleigh scatterers using first-order incoherent interactions	
14:30	D. Korpi	In-band Full-Duplex Radios for Military Communications		Discussion, K. Muinonen	
14:45	J. Ruoskanen	Discussion			
15:00	coffee			coffee	
15:15					
15:30	J. Praks	Aalto-1 satellite first months in orbit			
15:45					
16:00	A. Penttilä	Full Mueller matrix single particle scatterometer			