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# Winter College on Optics: Theoretical and Applied Aspects of Metamaterials and Metasurfaces | (smr 4058)

## Monday 03 March 2025

- Giambiagi Lecture Hall (AGH) (08:45-17:15)

time	title	presenter
08:45	Physics of vanadium dioxide and its application to metamaterials I	MOHAMED CHAKER
09:30	Physics of vanadium dioxide and its application to metamaterials II	MOHAMED CHAKER
10:30	Coffee Break	
10:45	Light sheet microscopy /Thermal lensing: thermal diffusivity of nanofluids/Experimental Session-I on Metasurfaces-based Structured Beam Generation	
12:30	Lunch Break	
14:00	Biomechanics with optical tweezer and FRET* fluorescence microscopy	NATHALIE WESTBROOK
15:30	Metasurface Polarization Optics	NOAH RUBIN