Session Program

7–11 Dec 2026



26th Australian Institute of Physics Congress and the Australian and New Zealand Conference on Optics and Photonics

ANZCOP: Metamaterials & Optical Materials

The University of Sydney , Belinda Hutchinson Building
Abercrombie St & Codrington St NSW 2008

Friday 11 December

09:00

ANZCOP: Metamaterials & Optical Materials

Session |
Location: The University of Sydney , Belinda Hutchinson Building, Abercrombie St & Codrington St NSW 2008 |
Convener: Toby Severs Millard

09:00–09:30 **Structured radiation generated with resonant metaphotonics**

Speaker
Yuri Kivshar

09:30–09:45
AC Electro-Osmotic Conveyor Belt for Nanoparticle Capture and Transportation

Speaker
Dayantha Lankanath Karunasena Danthure Arachchige

09:45–10:00
Toward developing next-generation telecom fibers: how fabrication methods dictate optical performance

Speaker
Prof. Heike Ebendorff-Heidepriem

10:00–10:15
Resolution-Enhanced Spectral Reconstruction Using MEMS Fabry–Pérot Filters

Speaker
Jiajun Meng

10:15–10:30
Thermal Stability of Type-II Modifications Written by Near-Infrared Femtosecond Laser Irradiation in Novel Oxycarbide Glasses

Speaker
Mr Shreyas J. Kashyap

10:30