

Friday 18 September 2026

8:30 AM - 9:00 AM	Arrival tea/coffee
9:00 AM - 9:45 AM	Plenary Talk: Clivia M. Sotomayor Torres , International Iberian Nanotechnology Laboratory, Portugal Phonon transport experiments: achievements and challenges to engineer thermoelectric parameters Session Chair: Christophe Candolfi Room: Pentland
9:45 AM - 10:00 AM	Goldsmid Memorial: Dario Narducci Room: Pentland
10:00 AM - 10:30 AM	Morning Break
10:30 AM - 11:30 AM	Materials Session Chair: Taras Parashchuk Room: Pentland 10:30 AM - 10:45 AM Sylvie Hebert Power factor optimization and thermal conductivity reduction in selected sulfides 10:45 AM - 11:00 AM Joris More-chevalier Thermoelectric properties of Nb/W doped ScN multilayer structures 11:00 AM - 11:15 AM Mia-eussa Gautier Unraveling Complex Crystal Structures and Cation Ordering in Cu-Sn-Se Thermoelectric Compounds 11:15 AM - 11:30 AM Peter Baláž Mechanochemical Synthesis In Pb-X-S (X=Bi,Sb) Systems And Their Thermoelectric Performance
10:30 AM - 11:30 AM	Additive Manufacturing Session Chair: Heiko Reith Room: East Terrace 10:30 AM - 10:45 AM Mateusz Pindel Laser Powder Bed Fusion of $\text{Bi}_{0.5}\text{Sb}_{1.5}\text{Te}_3$ Thermoelectric Legs: Processing, Interfaces, and Performance 10:45 AM - 11:00 AM Guillaume Savelli Optimisation of Silicon Germanium alloys performances developed by Laser Powder Bed Fusion 11:00 AM - 11:15 AM Sumner Gubisch Design and Scaling of Additively Manufactured Thermoelectric Heat Exchangers Using Lattice Structures

	11:15 AM - 11:30 AM Aayush Dobhal Additive Manufacturing of Ni-Based Thermoelectric Materials for Waste Heat Recovery
10:30 AM - 11:30 AM	Phonons, Fundamental Aspects Session Chair: Ankit Kumar Room: Prestonfield 10:30 AM - 10:45 AM Marcelo Augusto Malagutti Investigating microstructural effects in the lattice thermal conductivity and thermoelectric properties of $\text{Cu}_{2+y}\text{Zn}_{1-y}\text{SnS}_x\text{Se}_{4-x}$ alloys 10:45 AM - 11:00 AM Aryan Sankhla Unveiling low temperature thermal transport in $\text{AgGaTe}_2\text{-AgInTe}_2$ chalcopyrite solid solutions 11:00 AM - 11:15 AM Nicolas Perez Structural order and thermoelectric transport in the substitution topological insulators $\text{Sb}_2\text{SeyTe}_{3-y}$ ($y = 0.3-2$) 11:15 AM - 11:30 AM Misha Khalid Strategies reducing thermal conductivity in ZnO films
11:45 AM - 12:15 PM	Prize Talk: Lucas Le Gars, Kyushu University, Japan Defect engineering and triangular copper as key drivers for ultralow thermal conductivity in Cu_2ZrS_3 polytypes Session Chair: Dario Narducci Room: Pentland
12:15 PM - 12:45 PM	Next Year ECT / Conclusion Room: Pentland
12:45 PM - 1:15 PM	Lunch (grab and go)