

**MC22 Frontiers in Phonon-Mediated Superconductivity I**

Monday, 2 September, morning

Chair: Simone Di Cataldo

Room:

Hours	ID	Name	Type	Title
10h30-11h00	12842	Lilia Boeri	Invited	Ab-initio design of Superconductors: Towards high-Tc conventional Superconductivity
11h00-11h30	12974	Yu Xie	Invited	Machine-learning Crystal Structure Prediction Aided Theoretical Design of 100 K Superconductivity in Metal Borides
11h30-11h45	12627	Wenbo Zhao	Oral	Anharmonicity and Superconductivity in Pm-3 XYB6C6
11h45-12h00	13672	Yue-Wen Fang	Oral	Searching Materials Space for Hydride Superconductors at Ambient Pressure
12h00-12h15	12988	Zefang Wang	Oral	Unlocking the origin of stability and superconductivity in LaBeH8 at submegabar pressure

MC22 Frontiers in Phonon-Mediated Superconductivity II

Monday, 2 September, afternoon

Chair: Yue-Wen Fang

Room:

Hours	ID	Name	Type	Title
16h00-16h30	12972	Hanyu Liu	Invited	High superconducting superhydrides under pressure
16h30-16h45	13285	Di Zhou	Oral	Nuclear magnetic resonance in lanthanum superhydrides
16h45-17h00	13457	G. Anemone	Oral	Probing Electron-Phonon Interaction in 1T-PtTe2 and 1T-PdTe2 by Helium Atom Scattering: Implications for Superconductivity
17h00-17h15	12925	Jiasen Niu	Oral	Direct evidence of pairing up to pseudogap energy in nodal superconductors

Poster Session

Monday, 2 September

ID	Name	Title
13518	Pedro Borlido	High-throughput search of B-C-X superconductors