

**7TH INTERNATIONAL CONFERENCE ON
PEROVSKITE SOLAR CELLS AND
OPTOELECTRONICS - PSCO**

**20
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POSTER LIST

**From 16th to 18th September 2024
Hotel Giò - Centro Congressi
Perugia, Italy**

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1	Aditya Bhardwaj DECTRIS, Switzerland	Re-evaluation of the air-mediated response in bi-based perovskite x-ray detectors
2	Akash Dasgupta University of Oxford, United Kingdom	Surface vs. Bulk: disentangling the origin of degradation in perovskite solar cells
3	Aleksandra Miaskiewicz Helmholtz-Zentrum Berlin (HZB), Germany	Toward The Rate Limit For Co-Evaporated Wide Bandgap Perovskite Absorbers
4	Allison Arber University of Oxford, United Kingdom	Ion Migration and Dopant Effects in the Gamma-CsPbI ₃ Perovskite Solar Cell Material
5	Amanda Covarelli University of Perugia, Italy	Machine learning in metal halide perovskites: materials discovery and properties optimization
6	Amin Hasan Husien University of Milano-Bicocca, Italy	Chalcogenide-based hole transport material for stable perovskite solar cells
7	Anastasiia Sakhatska ETH Zurich, Switzerland	Methods of enhancement of charge carrier mobility in CsPbBr ₃ single crystals for fast single gamma photon counting
8	Anastasios Sevastianos Antoniou University of Luxembourg, Luxembourg	Growth and optical properties of vacuum evaporated phenethylammonium tin iodide thin films
9	Anastasios Stergiou PoliMi "Giulio Natta", Italy	Halogen-bond-driven structural modulation of two-dimensional 2-iodoethylammonium lead iodide perovskite
10	Andrea Dibenedetto University of Pavia, Italy	Synthesis and characterization of copper-containing chiral metal halides and the impact of organic ligand halogenation
11	Andrea Olivati IIT, Italy	Room temperature amplified spontaneous emission in lead-free cesium germanium iodide perovskite
12	Apostolos Kalafatis NCSR Demokritos, Greece	Metal sulfide thin films from single-source molecular inks: Steps towards solution-processed chalcogenide perovskites
13	Asma Alothman King Saud University, Saudi Arabia	Stability of tin- versus lead-halide perovskites: ab initio molecular dynamics simulations of perovskite/water interfaces

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21	Clarissa Coccia University of Palermo, Italy	Development of novel chiral metal halides with a material chemistry approach
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23	Daimiota Takhellambam C.H.O.S.E., University of Rome Tor Vergata, Italy	Out of Glove Box Low Temperature Fabrication of Highly Efficient Green Solvent Mediated Large Area Perovskite Solar Cells
24	David Francisco Macias Pinilla University of Palermo, Italy	Stability and electronic properties on sb-based double lead-free perovskites.
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