

Breath Research Interactions and Development via Guidance and Exchanges  
**BRIDGE**

**BRIDGE workshop**

Thursday, November 10<sup>th</sup> – Conference Room 1, Central Building, FORTH

09:30 – 09:40	Welcome	Emmanuel Stratakis
09:40 – 10:10	Robust room-temperature spin-valley polarization in graphite-filtered WS <sub>2</sub> monolayers	George Kioseoglou
10:10 – 10:40	Two-dimensional based energy harvesting devices	Emmanuel Kymakis
10:40 – 11:10	Materials for efficient energy storage: The chemical growth approach	Dimitra Vernardou
11:10 – 11:40	Advanced functional materials for energy and environmental applications	Vassilios Binas
11:40 – 12:00	Coffee break	
12:00 – 13:30	IESL Seminar - Halide perovskite and perovskite-related nanocrystals: Synthesis, optical properties, heterostructures	Liberato Manna
15:00 – 15:30	Computer-aided materials design for environment and energy applications	Ioannis Remediakis
15:30 – 16:00	Quality assurance in breath-based diagnostics: instrument cross-platform performance assessments	Y Lan Pham
16:00 – 16:30	ZnCl <sub>2</sub> mediated synthesis of InAs nanocrystals with aminoarsine	Luca De Trizio
16:30 – 17:00	Total scattering solutions for nanoscale matter	Alexandros Lappas
17:00 – 17:30	Designing metal halide perovskites for energy storage and sensing applications	Athanasia Kostopoulou



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