

PROGRAM : DAY 1 - 10/06

General Amphitheatre - IPGG

09:00 INTRODUCTION

09:15 **PLENARY #1 Xudong Yang**, Tsinghua University, China : *Performance Based, Energy Efficient Indoor Air Pollutant Control*

10:00 **KEYNOTE #1 Christian Serre**, ENS, CNRS, ESPCI, France : *Porous solids for sustainable energy efficient indoor air quality*

10:30 COFFEE BREAK

11:00 **ORAL #1 Matthias Thommes**, Friedrich-Alexander-University Erlangen-Nürnberg, Germany : *Recent Advances in the Adsorption Characterization of Nanoporous Materials*

11:20 **ORAL #2 Jianhua Fan**, DTU, Denmark : *Smart Phase Change Materials for Thermal Energy Storage*

11:40 **ORAL #3 Guillaume Maurin**, Université de Montpellier, France : *Computational approaches to MOFs in Indoor Air Management*

12:00 **ORAL #4 Rafik Belarbi**, La Rochelle University, France : *Development of Eco-Friendly Material in Sustainable Buildings*

12:20 LUNCH BREAK & POSTER SESSION

02:00 **PLENARY #2 Mircea Dinca**, Princeton, USA : *Building water-stable MOFs for Buildings*

02:45 **KEYNOTE #2 Jensen Zhang**, Syracuse University, USA, : *Managing IAQ at Multiple Scales and the Role of Air Cleaning*

03:15 COFFEE BREAK

03:45 **KEYNOTE #3 Ioannis Papakonstantinou**, UCL, UK : *Harvesting Energy from the Cold Universe: The Missing Piece in the Renewables Puzzle?*

04:15 **ORAL #5 Lei Fang**, DTU, Denmark : *Application of water phase change for heat storage in solar heating systems*

04:35 **ORAL #6 Marco Daturi**, Université de Caen, ENSICAEN, CNRS, France : *The relevance of spectroscopic techniques to select and design porous materials for indoor air quality*

04:55 **ORAL #7 Huibo Zhang**, Shanghai Jiao Tong University, China : *Hygrothermal performance of cost-effective porous materials using alkaline-activated inorganic cementitious additives*

05:15 **ORAL #8 Alba Marcellan**, ESPCI - Sorbonne university, France : *Biobased, biodegradable, tough hydrogels from itaconic acid monomer*

05:35 **ORAL #9 Raphaël Brun**, Saint-Gobain, France : *IAQ at Saint-Gobain: from lab materials development to buildings in situ monitoring*

05:55 CONCLUSION

PROGRAM : DAY 2 - 11/06

Amphitheatre Holweck - ESPCI

09:00 INTRODUCTION

09:15 **ORAL #1 Yimo Luo**, Hunan University, China : *Research on adsorption heat storage with salt hydrates and its performance in building heating application*

09:35 **ORAL #2 Jinzhe Nie**, Beijing Jianzhu University, China : *Experimental study on indoor air moisture and toluene sorption performance of typical MOF materials*

09:55 **ORAL #3 Doyun Won**, NRC, Canada : *Evaluating Indoor Air Cleaning Technologies at NRC: From Small-Scale Testing to Real-World Applications*

10:15 **ORAL #4 Moises Pinto**, IST, Universidade de Lisboa, Lisbon: *Sustainable indoor air quality for the cultural sector: the SIMIACCI project*

10:35 COFFEE BREAK

11:05 **ORAL #5 Zhiwen Luo**, Welsh School of Architecture, Cardiff University, UK: *Climate resilient buildings and cities for sustainable energy and environment*

11:25 **ORAL #6 Jean-Pascal Sutter**, Laboratoire de Chimie de Coordination du CNRS, Toulouse, France: *Supramolecular porous architectures*

11:45 **ORAL #7 Lihong Lao**, Syracuse University, USA : *Smart Materials for the Built Environment*

12:05 **ORAL #8 Liangzhu Leon Wang**, Concordia University, Canada: *Advances in Research on Urban Microclimate and Impacts on Built Environment*

12:25 Q&A SESSION

12:40 LUNCH BREAK

13:40 IEA EBC Annex 92 Discussion

15:10 Visit of ESPCI laboratories

16:40 END OF THE DAY