

Sunday March 20th

8:00 – 9:00 am Registration

Opening Session

Chairmen: Le Quang Minh, VNU-HCM - Vu Dinh Thanh, HCMUT

	Lê Quang Minh Provost, VNU	Introduction
	Phan Thanh Bình President, VNU	Welcome Message from VNU
9:00 – 9:30 am	Representative from Vietnam Ministry of Science and Technology	Vision of Science and Technology Ministry, support for MANAR
	Nguyễn Văn Hiệu Prof. Acad.	Science in Vietnam and support for MANAR
9:30 – 10:00 am	Omar M. Yaghi	Perspectives on MOF research and the UCLA Center for Global Mentoring
10:00 – 10:15 am	<i>Break</i>	

Chairmen: Anh Phan, UCLA - Phan Dinh Tuan, HCMUT

10:15 – 10:40 am	Jeffrey R. Long	Carbon Dioxide Capture in Metal-Organic Frameworks
10:40 – 11:05 am	Myunghyun Paik Suh	Hydrogen Storage and Carbon Dioxide Capture in Metal-Organic Frameworks
11:05 – 11:30 am	Martin Schroder	Controlling Porosity and Gas Storage in Framework Materials
11:30 – 11:55 am	Jeungku Kang	Fabrication and Perspectives of New MOF Storage Structures
11:55 – 12:20 pm	J. Fraser Stoddart	Nanoporous Carbonhydrate Metal- Organic Frameworks
12:20 – 1: 40 pm	<i>Lunch</i>	

Chairmen: Nguyen Ngoc Hanh, HCMUT - Ho Sy Thoang, VAST

1:45 – 2:10 pm	Seth M. Cohen	Postsynthetic Approaches to MOF Functionalization
2:10 – 2:35 pm	Hong-Cai Joe Zhou	Tuning the Topology and Functionality of Metal-Organic Frameworks by Ligand Design
2:35 – 3:00 pm	William A. Goddard	First Principles Based Approaches to Predict the Structures and Chemical Properties of MOF Systems

3:00 – 3:15 pm *Break*

Chairmen: Nguyen Phuong Tung, VAST - Vo Huu Thao, HCMUT

3:15 – 3:40 pm Michael O’Keeffe The Geometrical Basis of MOF Chemistry

3:40 – 4:05 pm Osamu Terasaki EM Trials for Structural Characterization of MOF and Related

4:05 – 4:30 pm Juan P. Hinestroza Synthesis of MOFs on Natural Cellulosic Substrates: Cotton

6:00 – 8:00 pm *Banquet*

Monday March 21st

Chairmen: Luu Cam Loc, VAST - Dang Mau Chien, VNU-HCM

8:30 – 8:55 am Roland A. Fischer Perspectives of MOF Thin Films Grown by Liquid Phase Epitaxy

8:55 – 9:20 am Son Binh T. Nguyen MOF as a Versatile Platform for the Deployment of Catalysts

9:20 – 9:45 am Christopher J. Chang Molecular Catalysts for Generating Hydrogen from Water

9:45 – 10:10 am Kimoon Kim Synthetic Pores for Storage, Catalysis and Transport

10:10 – 10:25 am *Break*

Chairmen: Nguyen Thi Phuong Thoa, HCMUS - Giang Dao, USA

10:25 – 10:50 am Jaheon Kim Partial Hydrolysis of Metal-Organic Frameworks

10:50 – 11:15 am Peidong Yang Self-assembly of Metal Nanocrystals and Their Related Cage Structures

11:15 – 11:40 am Kentaro Tashiro Metal-Organic Complex Arrays

12:00 – 1:00 pm *Lunch*

Chairmen: Nguyen Thi Dung, VAST - Hoang Dzung, VNU-HCM

1:00 – 1:25 pm Dongyuan Zhao Synthesis and Applications of Ordered Mesoporous Carbon Materials

1:25 – 1:50 pm Xiao-Ming Chen Flexible Porous Coordination Polymers

1:50 – 1:55 pm Omar M. Yaghi Concluding Remarks

2:00 pm – 5:00 pm Campus tour to VNU-
HCM