

Program

2nd Workshop “Metal-Organic Frameworks for Industry”

Long Beach, September 15th, 2016

08:30 – 09:00 Registration

Session 1: Production and Commercialization

09:00 – 09:15 Welcome and Opening

09:15 – 09:45 **“A Capabilities-Driven Approach to MOF Commercialization”**
Benjamin Hernandez, NuMat Technologies, Inc.

09:45 – 10:15 **“The good, the bad and the ugly - or how to find the right MOF for commercial applications”**
Nik Seidenader, MOFapps AS

10:15 – 10:45 **“Creating new metal organic framework opportunities without losing focus”**
Ray Ozdemir, framergy, Inc.

10:45 – 11:15 Coffee break

Session 2: Meeting Requirements for specific Markets

11:15 – 11:45 **“Industrial application of gate adsorption phenomena - toward the highly efficient gas separation”**
Dr. Hiroshi Kajiro, Nippon Steel & Sumitomo Metal Corporation

11:45 – 12:15 **“Durability test of MOFs”**
Mukae Yusuke, Toyota Central R&D Labs., Inc.

12:15 – 12:45 **„New answers to old questions - MOFs for the adsorption of toxic gases“**
Dr. Matthias Benusch, Fraunhofer Institute for Material and Beam Technology IWS

12:45 – 14:15 Lunch break

Session 3: Application and System Integration

14:15 – 14:45 **“Metal-organic frameworks for Defense Applications”**
Gregory Peterson, US Army Edgewood Chemical Biological Center

14:45 – 15:15 **“Development of Metal-organic frameworks relevant to industrial gas separations”**
Dr. Thomas McDonald, Mosaic Materials

15:15 – 15:45 **“Progress Towards MOF Application in Combined Cooling Heat and Power System”**
Dr. B. Peter McGrail, Pacific Northwest National Laboratory

15:45 – 16:15 Coffee break

16:15 End of the workshop