

Tien Nu-Hoang Lo
Center for Innovative Materials & Architectures (INOMAR)
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EDUCATION:

Bachelor of Science, Material Science: September 2013

University of Science, Ho Chi Minh City

Adviser: Dr. Cuong Ngoc Hoang

RESEARCH :

Research assistant

12/2013 – Present

Center for Innovative Materials & Architecture (INOMAR), Vietnam National University, Ho Chi Minh City (VNU-HCM), Vietnam.

Duties: Synthesis of ZIFs, MOFs and their applications

Undergraduate student

01/2012 – 07/2013

Polymer Chemistry Lab, University of Science, Ho Chi Minh City, Vietnam

Duties: Undergraduate Thesis, Synthesis and properties of Bis (ω -maleimidoalkyl) terephthalamide from poly (ethylene terephthalate) waste.

ORAL PRESENTATION

1. **Lo, T. N. H.** *Mixed-Metal Zeolitic Imidazolate Frameworks and their Selective Capture of Wet Carbon Dioxide over Methane*. Seminar presented to the Leibniz Institute for Catalysis Scientific Delegation, Ho Chi Minh City, VN, 2015.

POSTER PRESENTATION

1. **Lo, T. N. H.**; Nguyen, N. T. T.; Furukawa, H.; Gándara, F.; Nguyen, H. T.; Cordova, K. E., Yaghi, O. M. *Selective Capture of Carbon Dioxide under Humid Conditions by Hydrophobic Chabazite-Type Zeolitic Imidazolate Frameworks*. Presented at **150 Years of Beautiful Structures and Defects Symposium**, Ho Chi Minh City, Vietnam, 2014.

LANGUAGE PROFICIENCY:

-Native Vietnamese Speaker

CHEMISTRY INSTRUMENTATION EXPERTISE:

TGA, FT-IR

X-ray Diffraction

Air-Free techniques: Schlenk Line, Glove box