# Linh Thuy-Ho Nguyen

Center for Innovative Materials & Architectures (INOMAR)
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## EDUCATION:

**Bachelor of Science, Chemistry: September 2013**
University of Science, Ho Chi Minh City
Adviser: Prof. Thach Ngoc Le

## RESEARCH AND TEACHING EMPLOYMENT:

**M.Sc.** **12/2014 – Present**
University of Science, Vietnam National University, Ho Chi Minh City (VNU-HCM), Vietnam.
Duties: M.Sc. training

**Research assistant** **07/2013 – 12/2014**
Center for Molecular and Nanoarchitecture (MANAR), Vietnam National University, Ho Chi Minh City (VNU-HCM), Vietnam.
Duties: Studied effects of synthesis Fe-MOF, Zr-MOF based on dicarboxylic acid

**Undergraduate student** **09/2012 – 07/2013**
Center for Molecular and Nanoarchitecture (MANAR), Vietnam National University, Ho Chi Minh City (VNU-HCM), Vietnam
Duties: Undergraduate Thesis, Studied synthesis of Zr-Metal-Organic Frameworks based on dialkene linker

## ORAL PRESENTATIONS:

1. Doan, L.-H. T.; **Nguyen, L. H**.; Pham, Q. H.; Pham-Tran, N.-N.; Le, N. T.; Cordova, K. E.*A chemically stable Zr-based metal-organic framework used as a photocatalyst for degradation of organic dyes*. Presented at **International Workshop on Nanoscience and Nanotechnology: Opportunities for Academia and High Tech Industry - Joint 4th Asia-Pacific Chemical and Biological Microfluidics Conference2015**, Da Nang city, Vietnam.
2. Linh H. T. Nguyen, Ha L. Nguyen, Tan L. H. Doan and Quang T. Ton, *A new superacid MOF used as an efficiently heterogeneous catalyst in nitration of aromatic compounds*. Presented at **International Conference on Applied Science**, Ton Duc Thang University, Ho Chi Minh city, Vietnam

## POSTER PRESENTATIONS:

1. Doan, L.-H. T.; **Nguyen, H. T. L.**; Nguyen, T. H.; Cordova, K. E.; Furukawa, H. Zirconium-Based Metal-Organic Frameworks for Highly Efficient Photocatalytic Degradation of Organic Dyes, **International Conference of 150 Years of Beautiful Structure and Defects2014**, Ho Chi Minh City, Vietnam.
2. Truong, N. B, **Nguyen, H. T. L.** Nguyen, L. H, *Designed-Synthesis and full Characterization of Thio-based Organic Linker for the Synthesis of Electron Conductivity MOFs*. **International Conference on Applied Science**, Ton Duc Thang University, Ho Chi Minh city, Vietnam

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**PROFESSIONAL SOCIETIES:**

**LANGUAGE PROFICIENCY:**
-Native Vietnamese Speaker

**CHEMISTRY INSTRUMENTATION EXPERTISE:**
Single + Powder X-ray Diffraction
Gravimetric and Volumetric Gas Adsorption
GC-MS, FT-IR, UV-VIS
Microwave Synthesis
Air-Free techniques including Glovebox + Schlenk Line