

	Invited lectures
IL-1	Green Growth and Sustainable Development in Vietnam - Challenges and Opportunities - Prof. Nguyen Van Noi, Rector, Vietnam National University – University of Science (VNU-HUS)
IL-2	Impact of Catalysis in Vietnam – Prof. Le Thanh Son, VNU-HUS
IL-3	Basics in heterogeneous catalysis – PD Dr. Evgenii Kondratenko, Leibniz-Institute for Catalysis (LIKAT)
IL-4	Basics in homogeneous catalysis – Dr. Esteban Mejia, LIKAT
IL-5	Spectroscopic methods in Catalysis – Prof. Ralf Ludwig, UR
IL-6	Synthesis and application of photocatalytic materials based on nano TiO <sub>2</sub> in the treatment of some dyes in wastewater at Lab of Environmental Chemistry - Prof. Do Quang Trung, VNU-HUS
IL-7	Chemical Environmental Technology – Prof. Udo Kragl, UR
IL-8	Study on the effect of polar organic solvent as catalyst on the removal of Proteins from natural rubber - Prof. Phan Trung Nghia, HUST
IL-9	Recent trends in automotive catalysis - Prof. Wolfgang Grünert, University of Bochum
IL-10	Environmental impact of catalysis - Dr. Andrea Schüch, UR
IL-11	Carbon dioxide as hydrogen vector - Prof. Gabor Laurenczy, École polytechnique fédérale de Lausanne (EPFL), CH
IL-12	Catalytic conversion of renewable resources into bulk and fine chemicals - Prof. Johannes de Vries, LIKAT
IL-13	Conversion of unsaturated hydrocarbons over modified Mg/Al hydrotalcites - Prof. Nguyen Tien Thao, VNU-HUS
IL-14	Bioenergy development in Vietnam, the role of catalysis and adsorbent - Prof. Van Dinh Son Tho, HUST
IL-15	Study on the Decarboxylation of bio-oil for liquid fuel - Prof. Nguyen Khanh Dieu Hong, HUST
IL-16	Acid supported noble metal (Pt) bifunctional catalysts for the hydroisomerization, hydrocracking - Prof. Pham Thanh Huyen, HUST
IL-17	Sun fuels based on water and carbon dioxide - "the coal (oil) of the future"? - Dr. Henrik Junge, LIKAT
IL-18	Photochemical Water Splitting - Dr. Hendrik Kosslick, UR
IL-19	Catalytic treatment of PCBs over Pd-Me/ordered mesoporous carbon – Prof. Nguyen Hong Lien, HUST
IL-20	Overview of three way catalysts for the treatment of auto emissions - Prof. Le Minh Thang, HUST
IL-21	Catalytic ozonation of phenol in wastewater using Fe-Fe <sub>3</sub> O <sub>4</sub> /Graphen - Prof. Nguyen Thi Ha, VNU-HUS
IL-22	Soil degradation and sustainable land use in Vietnam - Prof. Nguyen Xuan Hai, VNU-HUS
IL-23	Current situation and course of action for sound chemical management in Vietnam - Prof. Bui Duy Cam, VNU-HUS

	<b>Oral Presentations</b>
OP-01	Deactivation/Stabilization of low Ni content catalyst in dry reforming - Quan Luu Manh Ha, LIKAT
OP-02	Role of dopant and support in CO <sub>2</sub> conversion into C3-C4 alcohols with H <sub>2</sub> and C2-C3 olefins over Au catalysts - Denise Heyl, LIKAT
OP-03	Nano-particle catalyst hydrogenation of natural rubber in latex stage - Nguyen Thu Ha, HUST
OP-04	Iron-impregnated fly ash as heterogeneous Fenton-like catalyst for the decolorization of Reactive Blue 182 Dye - Dao Sy Duc, VNU-HUS
OP-05	Iron-Impregnated Silica as High Active Heterogeneous Fenton-Like Catalyst for Degradation of Tartrazine from Aqueous Solution - Vu Anh Tuan, HUST
OP-06	Tungsten Alkyne Complexes as Scaffold for Novel Metallodiphos and Carbon-based FLPs - Helge Lange, UR
OP-07	Electrodeposited micro-nano dualporous gold modified carbon substrate as catalyst to oxidize glucose in potential applicatoin for fuel cell - Nguyen Xuan Viet, VNU-HUS
OP-08	Multifunctional PAH-based chromophore for chemical sensing and potential application in catalysis - Nguyen Minh Hai, VNU-HUS
OP-09	Application of photocatalysts in disinfection and chances for Vietnam - Le Thi Hoang Oanh, VNU-HUS
OP-10	Dramatic coupling of C <sub>3</sub> N <sub>4</sub> photocatalysis with ozone under visible light towards superior mineralization of water pollutants - Jiadong Xiao - LIKAT
OP-11	Hydrothermal synthesis of nanostructured manganese dioxides for use in water treatment - Truong Thanh Tu, VNU-HUS
OP-12	Infrared spectro-electrochemical and infrared spectroscopic investigations of the iron catalyzed carbon dioxide reduction, Elisabeth Oberem - UR
OP-13	Low-temperature NH <sub>3</sub> -SCR of NO over efficient V <sub>2</sub> O <sub>5</sub> /Ce <sub>1-x</sub> Ti <sub>x</sub> O <sub>2</sub> catalysts studied by operando spectroscopies - Vuong Huyen, LIKAT
OP-14	Selective catalytic reduction of NO <sub>x</sub> by NH <sub>3</sub> using VO <sub>x</sub> /Ce <sub>y</sub> Fe <sub>1-y</sub> O <sub>2-δ</sub> type catalysts - Sonja Keller, LIKAT

**List of Invited lectures, Oral presentations and Poster**

	<b>Poster Presentations</b>
P-01	Research on photochemical decomposition of trifluralin and trichlorfon in water by using TiO <sub>2</sub> catalyst – Tri Manh Tran, VNU-HUS
P-02	Synthesis of Ni/Graphene material using electrochemical technique and its catalyst oxidation of glucose as promising application in energy conversion – Nguyen Manh Ha, VNU-HUS
P-03	Ruthenium-based catalyst for tandem combination of ROMP and ATRP in microemulsion – Nguyen Minh Ngoc, VNU-HUS
P-04	Selective Oxidation of Styrene over Molybdate-Intercalated Layered Double Hydroxide Catalysts – Dang Van Long, VNU-HUS
P-05	Degradation pathway of 2,4-D in water by photocatalyst CuO/TiO <sub>2</sub> – Hoang Hiep, VNU-HUS
P-06	Separation of polyphenols from green tea waste using adsorption method – Phung Lan Huong, HUST
P-07	Germination under different temperature stress of Acacia Senegal and Acacia Seyal – Tran Thi Le Hang, VNU-HUS
P-08	Study on the preparation of nano Au/MnO <sub>2</sub> - Co <sub>3</sub> O <sub>4</sub> - CeO <sub>2</sub> catalyst and estimate catalytic activity for completed oxidation of CO – Giang Thi Phuong Ly, HUST
P-09	Durable and Highly Active Supported Gold Nanoclusters by Solid Grinding for Low Temperature CO Oxidation: Effects of Size, Support, Precursor and Promoter – Luong Xuan Dien, HUST
P-10	Enhanced Photocatalytic Activity: An Investigation of Nano TiO <sub>2</sub> -AC and pure TiO <sub>2</sub> synthesized by various methods in Methyl Orange Colour Removal – Nguyen Trung Hieu, HUST
P-11	Enlarging the surface area of Bismuth Molybdate containing materials as catalyst of propylene selective oxidation – Truong Duc Duc, HUST
P-12	Catalytic oxidation of styrene over Cu-doped hydrotalcites – Le Thi Kim Huyen, VNU/LIKAT
P-13	Effect of porous structure and acidity of ZSM-5/SBA-15 catalyst on 1,3,5-triisopropylbenzene cracking catalytic activity – Do Trung Hieu, VNU/UR
P-14	Photocatalyst TiO <sub>2</sub> removes Cr(VI) in waste water – Ngo Anh Binh, HUST/LIKAT
P-15	The influence of Support on the catalytic activity of Rh-TPPS supported ionic liquid phase (SILP) catalysts for the hydroformylation of ethylene – Do Van Hung, HUST/LIKAT