

AMTECT 2021 PROGRAM

International Conference Advanced Materials and Technology for Environmental Protection and Sustainable Development

(Online and Onsite on 21th December 2021)

Venue: Room 418, T1 Building, Hanoi University of Science, 334 Nguyen Trai, Thanh Xuan, Ha Noi

Online Join Zoom Meeting:

<https://zoom.us/j/99320674029?pwd=cU8zckJDVTRqVIVQSDk0OS9jUDZBdz09>

Meeting ID: 993 2067 4029

Passcode: 21122021

Time	Activity
7.30-8.00	Registration
8.00-8.15	Welcome Remarks Prof. Tran Quoc Binh (Vice Rector of Hanoi University of Science) Prof. Do Ngoc My (Rector of Quy Nhon University)
Keynote Speech	
8.15-8.30	Prof. Nguyen Van Noi (Director of KLAMAG - Head of Research group on Advanced Materials for Environmental Protection and Green Growth) <i>Introduction of Research group on Advanced Materials for Environmental Protection and Green Growth</i>
8.30-9.00	Assoc. Prof. Huynh Dang Chinh (Vice Rector of Hanoi University of Science and Technology) <i>Preparation of thermal expanded Graphite and its applications to environment treatments</i>
9.00-9.30	Prof. Takehiko Kitamori (The University of Tokyo, Japan) <i>Green Engineering of Microfluidics and Nanofluidics from Femto-Liter Analyser to Ton/Year Chemical Plant</i>
9.30-10.00	Prof. Lijuan Zhang, Jun Hu, Banglin Chen (Shanghai Advanced Research Institute, Chinese Academy of Sciences (CAS)) <i>The Properties of Nanobubbles and Their Applications in Environment and Agriculture</i>
10.00-10.30	Prof. Seiichi OSHITA (The University of Tokyo, Japan) <i>Promotion of Seed Germination by Ultrafine Bubble Water without Chemicals for Sustainable Agriculture</i>
10.30-11.00	Prof. Qingping Ke (Anhui University, China) <i>Interstitial Nitrogen Engineering: Enhanced Oxygen Dehydrogenation Activity of N-Doped Manganese-based Oxidic Materials</i>
11.00-11.30	Assoc.Prof. Vo Vien (Quy Nhon University, Viet Nam) <i>Synthesis of $MS_2/g-C_3N_4$ ($M = Mo, Sn$ và W) composites as anode materials for lithium-ion battery with enhanced capacity</i>
11.30-12.00	Prof. Dr. Ajit Kumar SHARMA (Lovely Professional University, India) <i>Nano-structural modification of $g-C_3N_4$ as an advanced solar-catalytic system for mineralization of pesticides from agricultural aquatic environment</i>

Time	Activity
12.00-13.00	<i>Lunch Break</i>
Section 1	Advanced materials for environmental remediation, green growth and sustainable agriculture
13.00-13.30	Assoc.Prof. Tran Dinh Trinh (Hanoi University of Science, Viet Nam) <i>Novel N,C,S-TiO₂/WO₃/rGO Z-scheme heterojunction with enhanced visible-light driven photocatalytic performance</i>
13.30-14.00	Dr. Duong Duc La (Institute of Chemistry and Materials, Hanoi, Vietnam) <i>Fabrication of Ag@graphene composite via green synthesis using plant extracts and its application for conductive ink</i>
14.00-14.30	Dr. Nguyen Minh Viet (Hanoi University of Science, Viet Nam) <i>Investigation on characterizations and environmental applications of superhydrophobic MS-ZnO-SA</i>
14.30-15.00	Assoc. Prof. Venecio U. Ultra (Botswana International University of Science and Technology, Botswana) <i>Fly ash amendments enhances ecological rehabilitation of mine tailings in Botswana.</i>
Section 2	Advanced Technologies and Strategies for environmental remediation, greenhouse gases reduction and climate change adaptation
15.00-15.30	Assoc.Prof. Nguyen Minh Phuong (Hanoi University of Science, Viet Nam) <i>Development of low carbon and climate resilient community models in rural areas of the Red River Delta</i>
15.30-16.00	Dr. Dao Van Duong (Phenikaa University, Viet Nam) <i>Environmental energy harvesting based on nanogenerator</i>
16.00-16.30	Mr. Nguyen Thanh Trung (Nagaoka Company, Viet Nam) <i>New Method for Simultaneously Removing High Content of Ammonium, Iron and Manganese in Groundwater for Drinking Water at Large Scale of 10,000 m³/day Without Using any Chemical</i>
16.30-17.00	Prof. Nguyen Tien Thao (Hanoi University of Science, Viet Nam) <i>Advanced Oxidation of Rhodamine B solution on Cr-Zn based Hydrotalcite-Like Catalysts</i>
17.00	Closing Ceremony

Note: All Presentations should be prepared in English.

❖ Oral Presentation: 20 minutes for presentation, 10 minutes for discussion