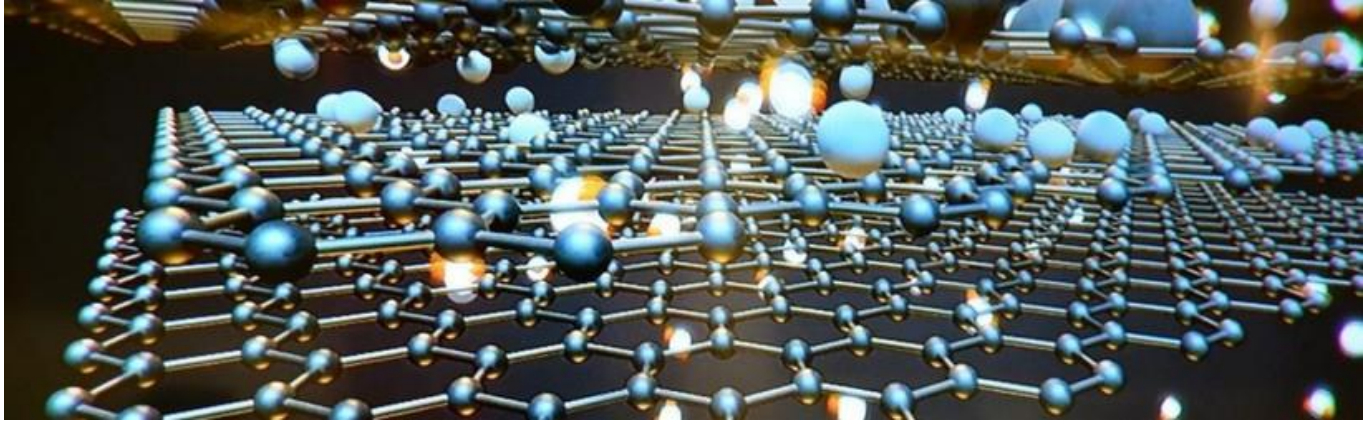


International Joint Seminar on

ADVANCES IN CIVIL ENGINEERING

Applications of Advanced Materials and Machine Learning in Civil Engineering



Time: 14:00-17:00 (GMT +7), December 04, 2021 (Saturday)

Venue: Room 415, Vietnam Japan University (VJU), Luu Huu Phuoc, Nam Tu Liem Dist., Hanoi

Zoom link: <https://zoom.us/j/95874597372>; ID: 958 7459 7372






Chairman

Prof. Dr.Sci Nguyen Dinh Duc

*Director of Undergraduate and Postgraduate Academic Affairs Department,
VNU Hanoi
Dean of Department of Engineering and Technology in Constructions and
Transportation, University of Engineering and Technology, VNU Hanoi
Director of MIE Program, VJU*



PROGRAM

13:30 (30')	Welcome and Introduction	
14:00 (40')	Prediction of steel structures' responses using machine learning: Prospects and challenges <i>Dr. Truong Viet Hung, ThuyLoi University, Vietnam</i>	
14:40 (40')	Research and Applications of 3D printing: Current problems and future direction <i>Dr. Phuong Tran, RMIT University Melbourne, Australia</i>	
15:20 (40')	On Applications of DC algorithm and machine learning <i>Dr. Tran Duc Quynh, VNU International School, Vietnam</i>	
16:00 (40')	Image-language collaborative AI that reflects expert knowledge to inspect and diagnose bridges <i>Assoc.Prof. Dr. Pang-Jo Chun, The University Tokyo, Japan</i>	
16:40 (40')	Bridge inspection, damage detection and monitoring using UAV, AI and IoT <i>Assoc.Prof. Dr. Ji Dang, Saitama University, Japan</i>	

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