

Name: PHAM MAI KHANH

Nationality: VIETNAM

Institution: School of Materials Science and Engineering, Hanoi University of Science and Technology

Activities:

- Helped to conclude an inter-university academic exchange agreement: from 2017
- Cooperated in the organizing of international conferences at Hanoi University of Science and Technology: ICPMAT 2018, ICPMAT 2026
- Cooperated in the selection of Japanese Government Scholarship students: 12 graduated students from 2022 up to now
- Accepted faculty members and students from Universities of Toyama: from 2019

Co-authored Papers with researchers of University of Toyama:

1. Effect of pre-deformation on mechanical properties and microstructure of Al-Cu-Mg-Si alloy

Vu Ngoc Hai<sup>a</sup>, Seungwon Lee<sup>a</sup>, Taiki Tsuchiya<sup>a</sup>, Tetsuya Katsumi<sup>b</sup>, Kazuhiko Kita<sup>b</sup>, Pham Mai Khanh<sup>c</sup>, Randi Holmestad<sup>d</sup>, Calin D. Marioara<sup>e</sup> and Kenji Matsuda<sup>a</sup>

2. A comparative investigation of microstructure and mechanical properties in a deformed and aged Al-Mg-Si alloy with high Cu content

Vu Ngoc Hai<sup>a</sup>, Abrar Ahmed<sup>b</sup>, Seungwon Lee<sup>a</sup>, Taiki Tsuchiya<sup>a</sup>, Yaofei Zou<sup>a</sup>, Tetsuya Katsumi<sup>c</sup>, Kazuhiko Kita<sup>c</sup>, Pham Mai Khanh<sup>d</sup>, Randi Holmestad<sup>e</sup>, Calin D. Marioara<sup>f</sup>, Kenji Matsuda<sup>a</sup>

3. A comprehensive TEM study on the structure and interfacial characteristics of S' and S phases in aluminum alloys

Vu Ngoc Hai<sup>a</sup>, Abrar Ahmed<sup>b</sup>, Tetsuya Katsumi<sup>c</sup>, Seungwon Lee<sup>a</sup>, Kazuhiko Kita<sup>c</sup>, Taiki Tsuchiya<sup>a</sup>, Kenji Matsuda<sup>a</sup>

4. The influence of natural aging on microstructure and hardening behavior during final aging in Al-Mg-Si alloys

Tran Sy Quan<sup>a</sup>, Abrar Ahmed<sup>b</sup>, Pham Mai Khanh<sup>c</sup>, Vu Ngoc Hai<sup>a</sup>, Susumu Ikeno<sup>a</sup>, Seungwon Lee<sup>a</sup>, Kenji Matsuda<sup>a</sup>