

Oct 11th 2017



CURRICULUM VITAE

Nguyen Hoang Nhat Khang

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AFFILIATION

- Graduate student – 2st semester at Combined Master-PhD Program (March 2017 - present)
- Ulsan National Institute of Science & Technology (UNIST)-UNIST-gil 50, Ulsan Metropolitan City, Republic of Korea, 44919.

EDUCATION

- Bachelor of Engineering
 - Major: Nuclear engineering
 - University of Dalat, Dalat, Lam Dong, Vietnam (2012.09~2017.01)

WORK EXPERIENCE

- Computational Reactor Physics and Experiment Lab (UNIST, Ulsan Republic of Korea / Prof. Lee Deokjung) (March 2017 – present)
- Depletion Libraries generation from ENDF B/VII, ENDF VII.1.
- Validation of Monte Carlo Code MCS
 - Depletion analysis for OPR-1000 reactor core
- Depletion chain optimization.
- OECD NEA Benchmarks for Shielding Modeling.

RESEARCH INTERESTS

- Reactor Criticality Analysis

- Monte Carlo Simulation - Reactor design

CERTIFICATES

- Computer Skills: MATLAB, PYTHON, FORTRAN
- Nuclear-physics Code: MCNP, UNIST Monte Carlo Code MCS, UNIST Deterministic Code STREAM
- Training (Domestic): Decontamination and Decommissioning by Argonne National Laboratory held in PNU (July 2017).

INTERNATIONAL AND DOMESTIC CONFERENCES

1. **Khang H.N Nguyen**, Jiwon Choe, Sooyoung Choi, Hyunsuk Lee, Wonkyeong Kim, Matthieu Lemaire, Deokjung Lee*, "Verification of STREAM for OPR-1000 fuel assembly depletion calculations," Reactor Physics Asia 2017 (RPHA17).