

Ngoc Duy TRINH

Age : 24

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Lourds

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Ph.D. student in nuclear physics

EDUCATION

- 2015-2018: Ph.D. thesis: "*Measurement of double differential neutron spectra generated by interactions of heavy ions on thick targets*"
Grand Accélérateur National d'Ions Lourds (GANIL), Université de Caen Normandie, France
- 2014-2015: Master Physics specialty Nuclear Instrumentation
Université de Bordeaux (UdB), France
- 2010-2014: Bachelor of Science in Nuclear Technology
Vietnam National University, Hanoi (VNU)

EXPERIENCES

- 2015: Master thesis: "*Neutron production by heavy ions: simulation and experimentation*"
GANIL (6 months)
- 2015: Master thesis: "*Characterization of a γ spectroscopy experimental system coupled to the Monte-Carlo simulation*"
Centre d'Étude Nucléaire de Bordeaux Gradignan (CENBG), France (2 months)
- 2014–2015: Research project: "*Study, realization and characterization of magnetic coupler of a Penning trap for filtering an ion beam*", **CENBG, UdB (4 months)**

PUBLICATIONS

- 10/2016: Oral presentation: "*Measurement of Thick Target Neutron Yields (TTNY) generated by accelerated heavy ions*", **EPS Divisional Conference: Towards EURISOL Distributed Facility 2016, Leuven, Belgium.**
- 09/2016: Oral presentation : "*Experimental approach to measure thick target neutron yields induced by heavy ions for shielding*", **¹³th International Conference on Radiation Shielding (ICRS-13) & ¹⁹th Topical Meeting of the Radiation Protection & Shielding Division of the American Nuclear Society-2016 (RPSD-2016), Paris, France.**

ADDITIONAL INFORMATION

- IT : OS: Windows, Linux.
Programming: C/C++, Python, Pascal, FORTRAN, ROOT.
Nuclear codes: FLUKA, PHITS, GEANT4, FISPACT, MCNP.
- Languages: Vietnamese (mother tongue), French (fluency) and English (Good level).
- Hobbies: Modern, contemporary history and fencing.