

CURRICULUM VITAE
ANTIGONI KALAMARA
PhD STUDENT



PERSONAL INFORMATION

FAMILY NAME: KALAMARA

FIRST NAME: ANTIGONI

DATE OF BIRTH: 8/9/1986

WORK ADDRESS: Department of Physics, N.T.U.A., Zografou Campus,
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EDUCATION

- 1. February 2014-today:** PhD student in Nuclear Physics, National Technical University of Athens (N.T.U.A.), Athens, Greece. Subject: “Neutron induced reactions”.
- 2. September 2011-February 2014:** Master of Science entitled: “Physics and Technological Applications”, N.T.U.A. - National Centre of Scientific Research “Demokritos”, Athens, Greece.
- 3. September 2004-June 2011:** Diploma of the School of Applied Science, National Technical University of Athens, Athens, Greece.

THESIS

- 1. Undergraduate thesis:** “Measurement of the $^{241}\text{Am}(n,2n)^{240}\text{Am}$ cross section”, September 2011.
- 2. Master thesis:** “Implementation of the $^3\text{H}(d,n)^4\text{He}$ reaction on producing high-energy neutron beam at 17.5 MeV, for the study of the reaction $^{241}\text{Am}(n,2n)^{240}\text{Am}$ ”, December 2013.

TEACHING EXPERIENCE

Supervision of undergraduate Physics laboratory courses (National Technical University of Athens, Greece).

FOREIGN LANGUAGES

English: Oral: Good, Writing: Good.

First Certificate in English (Lower), University of Michigan.

PRESENTATIONS AT CONFERENCES

- Poster presentation at the 22nd Symposium of the Hellenic Nuclear Physics Society (2013): “Measurement of the $^{241}\text{Am}(n,2n)^{240}\text{Am}$ cross section at 17.5 MeV”, A. Kalamara, R.Vlastou, M. Diakaki, M. Kokkoris, M. Anastasiou, V. Paneta, M. Axiotis, A. Lagoyannis and N. Nikolis, University of Athens, Athens, Greece / May 31-June 1, 2013.

2. Poster presentation at the 22nd 21st Symposium of the Hellenic Nuclear Physics Society (2012): **“Monte Carlo MCNP modeling of a HPGe detector and its efficiency for extended sample geometry”**, A. Kalamara, M. Diakaki, R. Vlastou, M. Kokkoris, F.Androulakaki, G.Eleftheriou and V.Paneta, N.C.S.R. “Demokritos”, Athens, Greece / May 25-26, 2012.

PUBLICATIONS IN REFEREED JOURNALS

1. **“New measurements of the $^{241}\text{Am}(n,2n)^{240}\text{Am}$ cross section”**, A. Kalamara, M. Diakaki, R. Vlastou, M. Kokkoris, N. Nikolis, A. Tsinganis, S. Ashley, M. Axiotis, A. Lagoyannis,
Nuclear Data Sheets (2013-in press).

PUBLICATIONS IN CONFERENCE PROCEEDINGS

1. **“Measurement of the $^{241}\text{Am}(n,2n)^{240}\text{Am}$ cross section at 17.5 MeV”**, A. Kalamara, R.Vlastou, M. Diakaki, M. Kokkoris, M. Anastasiou, V. Paneta, M. Axiotis, A. Lagoyannis and N. Nikolis,
22nd Symposium of the Hellenic Nuclear Physics Society, University of Athens, Greece / May 31- June 1, 2013.
2. **“New high energy neutron facility at NCSR “Demokritos”**, M.Anastasiou , A. Kalamara, M. Diakaki, R. Vlastou, M. Kokkoris, V. Paneta, M.Axiotis, A. Lagoyannis, N.Nikolis and M.Serris,
22nd Symposium of the Hellenic Nuclear Physics Society, University of Athens, Greece / May 31- June 1, 2013.
3. **“Monte Carlo MCNP modeling of a HPGe detector and its efficiency for extended sample geometry”**, A. Kalamara, M. Diakaki, R. Vlastou, M. Kokkoris, F.Androulakaki, G.Eleftheriou and V.Paneta,
21st Symposium of the Hellenic Nuclear Physics Society, NCSR “Demokritos”, May 25-26, 2012.
4. **“New measurements of the $^{241}\text{Am}(n,2n)^{240}\text{Am}$ cross section”**, A. Kalamara, M. Diakaki, R. Vlastou, M. Kokkoris, N. Nikolis, A. Tsinganis, S. Ashley, M. Axiotis, A. Lagoyannis,
21st Symposium of the Hellenic Nuclear Physics Society, NCSR “Demokritos”, May 25-26, 2012.