

# Maria-Elisso Stamati

Born on February 11, 1996  
Ioannina, Greece

✉ [maria-elisso.stamati@cern.ch](mailto:maria-elisso.stamati@cern.ch)

☎ +41 754113980

## Scientific interests

- Experimental Nuclear Physics
- Neutron-induced reactions
- Nuclear Astrophysics

## Education

2020–present **PhD in  
Experimental Physics**  
University of Ioannina  
Ioannina, Greece

2018–2020 **Master in  
Experimental Physics**  
University of Ioannina  
Ioannina, Greece

2014–2018 **Bachelor in Physics**  
University of Ioannina  
Ioannina, Greece

## Current situation

Feb. 2021 – Present **Doctoral Student**  
CERN, Geneva, Switzerland

## Training

Jul. 2019 – Sept. 2019. **Internship**  
CERN, Geneva, Switzerland

Sep. 2017 **MEDICIS-Promed Specialised Training on  
Radioisotope Production**  
Leuven, Mol, Belgium

Jun. 2017 – Sep. 2017 **Erasmus+ Traineeship**  
KULeuven, Leuven, Belgium

## Languages

- Greek (Native)
- English (Proficient, C2)
- French (Elementary, A2)
- Russian (Beginner, A1)
- Dutch (Beginner, A1)

## Digital Skills

- **Operating Systems**  
Linux, Windows
- **Programming Languages**  
Good command of C, C++  
Basic knowledge of Python, HTML
- **Scientific Software**  
ROOT (data analysis)  
GEANT4, SRIM, FLUKA (Particle transport codes)  
TALYS (nuclear reaction model code)
- **Other Software**  
Office (text, presentation, spreadsheet)  
LateX  
Video/Image/Audio editing software

## Publications In Peer-Reviewed Journals

- Duchemin, C. and Cocolios, T.E. and Dockx, K. and Farooq-Smith, G.J. and Felden, O. and Formento-Cavaier, R. and Gebel, R. and Koster, U. and Neumaier, B. and Scholten, B. and Spahn, I. and Spellerberg, S. and **Stamati, M.E.** and Stegemann, S. and Verhoeven, H., *Appl Radiat Isot*, 178, 109983, (2021).
- E. Georgali, N. Patronis, A. Anastasiadis, X. Aslanoglou, M. Axiotis, Z. Eleme, S. Harissopoulos, A. Kalamara, K. Karfopoulos, M. Kokkoris, A. Lagoyannis, C. Potiriadis, M. Peoviti, M.I. Savva, I. Stamatelatos, **M.E. Stamati**, A. Stamatopoulos, E. Vagena, T. Vasilopoulou, R. Vlastou, *Phys. Rev. C*, 3, 034610, (2020).
- E. Vagena, E.G. Androulakaki, M. Kokkoris, N. Patronis, **M. E. Stamati**, *NIMB*, 467, 44-52, (2020).
- H. Verhoeven, T.E. Cocolios, K. Dockx, G.J. Farooq-Smith, O. Felden, R. Formento-Cavaier, R. Gebel, U. Koster, B. Neumaier, B. Scholten, I. Spahn, S. Spellerberg, **M.E. Stamati**, S. Stegemann, *NIMB*, 463, 327-329, (2019).

## Publications In Conference Proceedings

- **M.E. Stamati** et al., *HNPS 2021: Advances in Nuclear Physics*, (2021 - submitted).
- E. Georgali, N. Patronis, A. Anastasiadis, M. Axiotis, Z. Eleme, S. Harissopoulos, A. Kalamara, K. Karfopoulos, M. Kokkoris, A. Lagoyannis, M. Peoviti, C. Potiriadis, M.I. Savva, I. Stamatelatos, **M.E. Stamati**, A. Stamatopoulos, T. Vasilopoulou, R. Vlastou, , *HNPS Advances in Nuclear Physics 27*, 160-157, (2020).
- E. Georgali, **M.E. Stamati**, M. Peoviti, N. Patronis, C. Potiriadis, K. Karfopoulos, A. Anastasiadis, M. Axiotis, Z. Eleme, S. Harissopoulos, A. Kalamara, M. Kokkoris, A. Lagoyannis, M.I. Savva, I. Stamatelatos, A. Stamatopoulos, T. Vasilopoulou, R. Vlastou, *HNPS Advances in Nuclear Physics 27*, 152-154, (2020).

## Lab experience

Jul. 2021 – Nov. 2021. **n\_TOF facility Commissioning**

CERN, Geneva, Switzerland

Oct. 2020 – Dec. 2020 **uMEGAS detectors tests**

CERN, Geneva, Switzerland

Jul. 2019 **n\_TOF prototype HPGe characterisation**

CERN, Geneva, Switzerland

Apr. 2018 **Study of  $^{165}\text{Ho}$  ( $n,2n$ ) reaction**

N.S.C.R. Demokritos, Greece

Aug. 2017 – Sept. 2017 **Study of  $^{149}\text{Tb}$  production by proton induced spallation of Ta**

COSY, Forschungszentrum Julich, Germany