

LAURA LAGHI

EDUCATION

Ph.D. in Mechanics and Advanced Engineering Sciences (DIMSAI) Alma Mater Studiorum - Università di Bologna, Italy Research topic: <i>Reactor physics analyses to validate MCNP code for LFR applications</i> Other research interests: <i>Gamma-ray spectrometry analyses of NORM and Be-7</i>	November 2022 - ongoing
Master of Science in Energy and Nuclear Engineering Alma Mater Studiorum - Università di Bologna, Italy	December 2018 - December 2021
Bachelor of Science in Energy Engineering Alma Mater Studiorum - Università di Bologna, Italy	September 2015 - December 2018

RELEVANT COURSES

SINUS International School OECD-NEA Simulation of Nuclear Reactor Systems - Lucca, Italy	15 April - 22 May 2024
GRE@T-PIONEER Project Neutron transport at the fuel cell and assembly levels - Valencia, Spain	16 - 20 October 2023
GRE@T-PIONEER Project Course on Core modelling for core design - Gothenburg, Sweden	27 November - 1 December 2023
ENEEP Experimental course Experimental Reactor Physics training course at Institut "Jožef Stefan" - Ljubljana, Slovenia	14 - 18 February 2022

INTERNSHIPS AND WORK EXPERIENCES

Visiting research internship Research period abroad at UPM Madrid - Escuela Técnica Superior de Ingenieros Industriales	April - July 2025
Teaching Tutor <i>Radiation Engineering for Biomedical and Industrial Applications</i> - Course of First cycle degree program in Energy Engineering at University of Bologna	A.Y. 2023/24, 2024/25
Technology Consulting Analyst Accenture Italy (Industry X)	February 2022 - October 2022
Visiting research internship MSc Thesis at University of Arizona, USA - System and Industrial Engineering Department	June - November 2021
Radiation Protection Internship AUSL ROMAGNA (Forlì)	February and March 2018

IT SKILLS

OS: Windows, Linux.	Software: Office Suite, LaTeX, Beamer
Programming: Python, R - RStudio, MATLAB	Monte Carlo codes: MCNP, OpenMC, FLUKA

LANGUAGES

Italian: native speaker	English: fluent	French: basic knowledge
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LICENSES AND CERTIFICATIONS

Professional Industrial Engineer Italian national exam	November 2022
Radon Mitigation Specialist D.Lgs 101/2020	March 2022