

Nuclear Physics & Engineering Education, Research and Student Opportunities in KTH
March 27, 2026

Co-Organizers:

Aristotle University of Thessaloniki (AUTH), School of Physics

KTH, Department of Physics, Division of Nuclear Science and Engineering

Host: School of Physics, AUTH

Workshop Agenda

Friday 27 March 2026 (room A31)	
09:00-09:30	Registration & Welcome Coffee <i>Early networking between seniors, students and visiting PhD candidates</i>
09:30-09:50	Opening Session Welcome address by the Dean of the Faculty of Sciences Welcome address by the Head of School of Physics, AUTH Introduction of participating institutions and delegates
09:50-10:30	Why Nuclear Engineering? (20 min AUTH & 20 min KTH) Careers, Impact and Global Opportunities Role of nuclear technology in energy, medicine, industry, and research Employability and International demand for nuclear engineers <ul style="list-style-type: none"> - AUTH teaching and Research Activities related to nuclear physics and nuclear engineering - Career pathways for AUTH students in nuclear science and technology <i>AUTH faculty members + KTH</i>
10:30-11:00	Coffee Break
11:00-11:40	MSc in Nuclear Engineering at KTH (30 min presentation, 10 min Structure and Curriculum of the master's program <ul style="list-style-type: none"> - Career prospects for graduates - Admission requirements and application process Scholarships, funding opportunities and mobility schemes
11:40-12:00	KTH Research presentation 1: Experimental research on advanced nuclear fuels (15 min presentation + 5 min Q&A)
12:00-12:20	KTH Research presentation 2: Research on nuclear power safety (15 min presentation + 5 min Q&A)
12:20-13:00	PhD/MSc Students Session: From Bachelors to Master's studies and research Careers (Closed meeting with Seniors at the same time) Short talks by visiting students <ul style="list-style-type: none"> - Why choose the Master's program at KTH? - Transition from BSc to MSc - Transition from MSc to PhD - Research and International Experience Open Q&A with AUTH students
13:00-14:30	Lunch

14:30-14:50	KTH Research presentation 3: Research on simulations of nuclear fuels (15 min presentation + 5 min Q&A)
14:50-15:10	KTH Research presentation 4 (15 min presentation + 5 min Q&A)
15:10-15:30	KTH Research presentation 5 (15 min presentation + 5 min Q&A)
15:30-15:50	Coffee Break
15:50- 17:00	<p>Student Networking & Mentoring Session & Poster Session Small group discussions and informal mentoring Topics:</p> <ul style="list-style-type: none"> - Studying abroad in Nuclear Engineering - Research opportunities during Master's studies - Career paths in Academia, industry and research centres <p><i>AUTh Students – Visiting Delegation from KTH</i></p>
17:00-17:30	<p>Closing Session Outline of Day activities</p>