



CONTACT ME

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Pilsen, Czech Republic

CONFERENCES/WORKSHOPS

TANDEM WORKSHOPS

CEA, CADARACHE and UNIPI, ITALY

Non-electric SMR applications, hybrid energy systems and their application

09/2024, 02/2025

Workshop on SMR Technology and tools

POLITEHNICA BUCHAREST - ENER

Hands-on workshop focused on SMR technologies, featuring training tools and a NuScale VOYGR-12 simulator for real-world operational scenarios.

09/2024

Winter school: Nuclear New Build

I2EN, Ambassade de France à Prague, UWB

A week-long course covering licensing, safety and security, project management, and supplier qualification, with presentations from experts from France, Czech Republic, and Slovakia.

03/2024

Intercontinental Nuclear Institute

IAEA, Prof.Škoda, Prof. Aghara

Training Course on Fundamentals of Safe, Secure and Sustainable Nuclear Power Generation through the Intercontinental Nuclear Institute (INI) - (4-week course in Prague/Lowell, USA)

05/2023

Nuclear days poster competition

University of West Bohemia

2nd place in the poster competition in the Bachelor's category at the NUCLEAR DAYS 2022 conference and 3rd place in the poster competition in the Master's category at the NUCLEAR DAYS 2023 conference.

2022 - 2023

SKILLS

- English B2
- Advanced in Python and AutoCAD2023

Ullmann Jan

Student of the Faculty of Electrical Engineering (FEE) at the University of West Bohemia in Pilsen

EDUCATION

The University of West Bohemia FEE - PhD studies

09/2024 - present

First year of PhD studies on the topic of heat production from nuclear power plants for industrial purposes (supervisor of doctoral studies professor Radek Škoda)

The University of West Bohemia FEE - Master's studies

2022 - 06/2024

Master's degree focused on power transmission (transmission and distribution networks, distribution equipment). Master thesis on the design of the electrical part of SMR TEPLATOR.

The University of West Bohemia FEE - Bachelor's studies

2019 - 2022

Field of study: Electrical Engineering and Power Engineering (Faculty of Electrical Engineering)

Bachelor's studies including theoretical electrical engineering, electrical power engineering and electrical machines. Bachelor's thesis on small modular reactors (SMR) as a replacement for aging coal-fired power plants.

WORK EXPERIENCE

Collaborator in experiments

08/2023 - Present

CIIRC CTU

Collaboration on laboratory experiments (flowmeter track, PLC control of oil circuit with reservoir, PLC programming to control sensors in the experiment, simulating district heating) at Czech Institute of Informatics, Robotics and Cybernetics; Czech technical university in Prague. Collaboration on evaluation of flowmeter data using visual studio code and python

Scholarship holder

09/2023 - 08/2024

E.GD (E.ON)

Scholarship holder for the last year of study at E.GD (without signing a contract after graduation)- participant in technical lectures and interviews

Project leader

04/2023 - 04/2024

EUTEENS4GREEN - SMR FOR NORTHWEST PART OF CZ

Project leader of the SMR FOR NW CZ project, funded by EUTEENS4GREEN, project focusing on the promotion of small modular reactors in the Karlovy Vary and Ústní nad Labem regions as a replacement for retiring coal-fired power plants through FB/IG pages (FB:"SMR pro čistý severozápad"), creating articles and leading a 4-member team, social media reach of over 30 thousand people + publication of an article in allforpower.cz magazine and local newspapers.

The project was co-financed by the European Union, future participation in the final meeting of all Euteens4green projects in Brussels on 04/2024.

Designer of electrical networks

2022-2023

Elektroplan

Design activity in the field of low-voltage house connections, designing replacement of outdoor lines to low-voltage and high-voltage cable networks (creating drawings in AutoCAD2023 and checking dimensions in Sichr, cooperation on projects for CEZ).