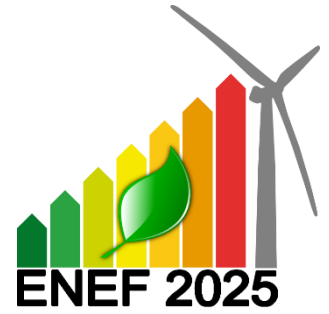




Dr. Igor Shesho full professor



Dr. Igor Shesho is a full professor at the University of St. Cyril and Methodius in Skopje, Faculty of Mechanical Engineering - Institute of Thermal Engineering. He was born on July 18, 1982, in Ohrid, R. Macedonia. He completed his higher education at the Faculty of Mechanical Engineering in Skopje, graduating in 2006 in the field of thermal and power engineering. He received his master's degree in 2009 with a thesis on "Development of a Methodology for Determining the Energy Characteristics of Buildings for Conditions in North Macedonia." In 2015, he defended his doctoral dissertation on "Optimization of Parameters in Solar Air Conditioning Plants."

Within the teaching and educational activities at the Faculty of Mechanical Engineering - Skopje, Dr. Shesho actively teaches across all three study cycles in the programs of Thermal and Power Engineering and Energy and Ecology. His courses include: Renewable Energy Sources, Thermal Machines and Devices, Modeling and Simulations of Thermal Processes and Systems, Non-conventional Power Plants, Energy Economics etc..

Prof. Shesho is the author of university textbooks: Steam and Gas Turbines, Thermal Power Plants and Handbook for Design and Installation of Solar Thermal Systems. Additionally, Prof. Seso has authored and co-authored over 40 scientific papers in the fields of renewable energy sources, district heating, and HVAC systems.

He is actively involved in feasibility studies and projects for the Macedonian energy sector, district heating systems, optimization of combined heat and power (CHP) systems etc. He is a certified expert in both Industrial Steam System Optimization and Compressed Air Systems Optimization (CASO). Prof. Shesho has extensive experience in designing heating, ventilation, and air conditioning (HVAC) systems.

He is an authorized energy auditor for building energy efficiency and an authorized mechanical designer according to national legislation.

He is a distinguished member of several professional bodies, including Member of the Chamber of Chartered Architects and Engineers of Macedonia, Chartered Engineer for Design, Secretary General of the Macedonian Energy Association (ZEMAK).