



Wendelin ANGERMANN

29.08.1998
Austrian citizen

Hafnerriegel 57/2
A - 8010 Graz

0043 316 873 8054
wendelin.angermann@tugraz.at

AWARDS

EnInnov Young Author Awards: Power-Based State Estimation: An Alternative Approach from VITREOUSGRID (2026)

OVE Power Engineering Prize for the master's thesis „Analytical optimization and practical verification of reactive power supply for power plants“ (2024)

PROFFORMANCE International Higher Education Teacher Award (2022)

Dr. Karl-Heinz Weck- prize for the project “Reactive power supply of power generating facilities” (2022)

Ars Docendi state prize for excellent teaching at Austrian universities (2021)

1. rank - Kelag GreenUps-Challenge &

1. rank - innovation@school Ideas competition for Diploma thesis “EC-damper testbench for high-speed gears”

3. rank of the Austrian national championships “Austrian Skills - Mobile Robotics Skills” - Design of a robot gripper arm including electronic control system

SOFTWARE PROGRAMS

DlgSILENT/Powerfactory	
Matlab	
Python	
Matlab App Designer	
Latex	
SolidWorks	
LTspice	
Ansys	
Inventor	
MS Office	

PERSONAL SKILLS

Analytical thinking	
Solution orientation	
Willingness to learn	
Communication skills	
Teamwork	
Creativity	
Innovative thinking	
Quality awareness	
Spontaneity	
Self-motivation	
Serenity	

LECTURING & TEACHING EXPERIENCE/TU GRAZ

ST 23 - now	Lab exercises electrical power engineering Calculation exercises electrical power engineering Calculation exercises Planning and operation of electrical energy systems
ST 23	Basics of electrical networks Calculation exercises Fundamentals of electrical energy systems
WT 22/23	Fundamentals of electrical engineering Electrical networks and multi-ports
ST 22	Basics of electrical networks
WT 21/22	Fundamentals of electrical engineering Electrical networks and multi-ports
ST 21	Scientific computing / Technical reports Basics of electrical networks
WT 20/21 ST 20	Fundamentals of electrical engineering Scientific computing / Technical reports

PRACTICAL RESEARCH APPLICATIONS

- State Estimation in Medium- and Low-Voltage Distribution Grids (project VITREOUSGRID)
- Development and implementation of two test concepts to verify the supply of reactive power in live grid operation
- Research activities in cooperation with Kärntner Elektrizitäts-Aktiengesellschaft and KNG-Kärnten Netz GmbH

PUBLICATIONS

„Efficient method for calculating the reactive power supply by applying analytical load flow calculations“

PESS 2024; Power and Energy Student Summit, Dresden, Germany, 2024, pp. 19-24

