

Leandro Michels

Education

- Bachelors in electrical engineering (UFSM, 2002).
- Doctor in electrical engineering (UFSM, 2007)

Experience

- Associate Professor at Federal University of Santa Maria (UFSM), Brazil
- Director of Smart Grid Institute (INRI) - UFSM
- Coordinator of the Unit of Brazilian Company of Research and Industrial Innovation (EMBRAPII) on Distributed Energy Resources
- Coordinator of main laboratory for testing photovoltaic inverters in Brazil - accredited by INMETRO (National Institute of Metrology Standardization and Industrial Quality)
- Productivity Scholarship in Technological Development and Innovative Extension from National Council for Scientific and Technological Development (CNPq) - category 1B

Technical Activities

- Coordinator of the IEC national commission for Photovoltaic Systems (TC82)
- Project leader of standards committee of Brazilian Association of Technical Standards (ABNT) related to grid connection of distributed energy resources
- Member of committees that provide technical support to Brazilian Agencies (INMETRO, ONS, and ANEEL) related to technical requirements for distributed generation in Brazil
- Participation in more than 15 R&D projects with national and international companies (7 as coordinator)

Scientific Activities

- Author of more than 200 scientific articles published in journals and conferences
- Supervisor of 9 Ph.D dissertations and 19 master's theses
- Applicant for 9 invention patents (2 licensed) and 3 software registrations (1 licensed)