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Position: egyetemi docens
Academic degree: PhD, 2003
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Institute of Environmental Sciences, Department of Environmental Analysis and Technology,
Environmental Technology Team

Professional experience:

- 2021 - present also MATE KÖTI Department of Environmental Analytics and Environmental Technology, habilitated associate professor, team leader
- 2017 - 2021: Szent István University, Faculty of Mechanical Engineering, Institute of Environmental Systems, Department of Plant, Building and Environmental Engineering, habilitated Associate Professor, Head of Department, Plant Engineer
- 2003 - 2017: Szent István University, Faculty of Mechanical Engineering, Institute of Environmental Systems, Department of Plant, Civil and Environmental Engineering, assistant lecturer, later assistant professor

1994 - 2003: University of Agricultural Sciences, Gödöllő, assistant lecturer

Education, qualification:

- 1993-2003 PhD in Agricultural Engineering (38/2003) Szent István University, Doctoral School of Engineering, Gödöllő
- 1996-1998 Basketball coach (E-592/1998), Hungarian University of Physical Education, Budapest, Further Education Centre
- 1995-97 Food quality assurance engineer (3/1997), Szent István University, Faculty of Mechanical Engineering, Gödöllő
- 1989-94 Agricultural Mechanical Engineer (20/1994), University of Agricultural Sciences Gödöllő
- 1993-94 Higher Logistics Course (040/94.L.), University of Agricultural Sciences, MGK, Hungarian Logistics Association
- 1984-88 Chemical Mechanical Engineer, high school graduation (C-7/1988) Irinyi János Vocational School of Chemical Industry, Kazincbarcika

Research field:

Microwave heating of liquid foods

Microwave treatment of sewage sludges

Operation and applicability of air-to-water heat pumps

Environmental improvement of food technologies

Outdoor and indoor air pollution assessment.

Awards:

- Bolyai Scholarship 2009-2012

- SZIU Silver degree of the Laurel Wreath 2018

Information on doctoral studies: https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=8732

Publication details: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10000620>

Subjects taught:

- Environmental process technology
- Environmental Management and Technology
- Ecotechnology
- Air pollution control
- Engineering Environmental Technology
- Building cooling technology
- Building operation and diagnostics

Thesis topics:

- Modelling the spreading of contamination, validation
- Examination of indoor pollutants varying
- Analysis of the introduction of environmentally conscious technologies