

Curriculum Vitae

First name / Surname: Dr. András Vincze

E-mail: vincze.andras@pen.uni-pannon.hu

Education:

- 2011 - 2020: PhD
- Doctoral School in Management Sciences and Business Administration, University of Pannonia, Faculty of Business and Economics
 - Field of study: management, intercultural marketing and communication
 - Thesis title: Communication examinations based on the renewable energy action plans of the member states of the European Union
- 2004: English-Hungarian, Hungarian-English technical translator's diploma (*specialised in sciences*)
- State Examination Committee for Translators and Interpreters, Translator and Interpreter Training Centre, Faculty of Arts, Eötvös Loránd University
- 1993: TEMPUS Scholarship (1 semester)
- Georg August University, Göttingen, Germany
- 1988 - 1994: MA in History and English language and literature
- József Attila University, Szeged, Faculty of Arts

Work experience:

- 2020- : research fellow
- University of Pannonia, University Center for Circular Economy, Soós Ernő Research and Development Center, Renewable Energy Research Group
- 1999 - 2020: language teacher and head of the Department of Foreign Languages (from 2017)
- University of Pannonia, Georgikon Faculty, Keszthely, Hungary
- 1996 - 1999: freelance language teacher, translator, interpreter
- self-employed
- 1995 - 1996: official in charge of media and international relations
- Mayor's Office of the Town of Keszthely
- 1994 - 1995: project manager
- IT Centre of the Pannon University of Agricultural Sciences, Keszthely (*predecessor of the Georgikon Faculty of Agriculture of the University of Pannonia*)

Award:

Excellent Employee of the University of Pannonia, Georgikon Faculty, 2013

Languages:

Hungarian: mother tongue
German: proficient (CEFR C2)
English: proficient (CEFR C2)

Other professional activities:

- 2021 -: member of the Hungarian Scientific Society of Energy Economics
participation in the organization of conferences, tasks of section chair

Current university courses taught:

Communication, business communication; International business communication; Communication for engineers; The social and economic bases of tourism; Active tourism; Eco- and adventure tourism; Renewable energy policies and strategies from an international perspective; Renewable energy data provision in an international context, the communication of renewable energy policies

Main current research fields:

renewable energy sources, energy storage, communication, intercultural marketing and communication

Recent involvement in major projects

- Power-to-Gas: Development of a biomethane-production unit for seasonal energy storage (Project ID: 2020-3.1.2-ZFR-KVG-2020-00006)
- Waste algae to biogas for clean energy and environment: techno-enviro-economic prospects (Project ID: 2019-2.1.13-TÉT_IN-2020-00061)
- Development of a thermal storage unit for waste heat storage and transport (Project ID: 2021-2.1.2-HŐ-2021-00004)
- Tesseract Storage (Project ID: 2021-2.1.1-EK-2021-00002)
- An examination of the grid role of vanadium redox batteries in the regulation of photovoltaic power plants (Project ID: 2021-2.1.1-EK-2021-00001)
- An examination of the use of sodium-sulfur batteries in smart grids and in joint operation with lithium-ion energy storage technologies (Project ID: 2021-2.1.1-EK-2021-00007)
- Digitization of Higher Education for Renewable Energy Systems in Europe (Project ID: 2021-1-BG01-KA220-HED-000032149)
- National Laboratory of Renewable Energy (Project ID: RRF-2.3.1-21-2022-00009)
- Establishing a hydrogen and battery research and development platform in Central Europe (Project ID: CESP Hydrogen and Battery)

Recent involvement in patent submissions

1. P2200156: Control procedure and module for the sensor units of concentrated photovoltaic technologies using point-focusing glass Fresnel lenses
2. Procedure for determining the illuminance of incident ambient light and the direct radiation of the sun detected as a point, for controlling solar-tracking photovoltaic systems
3. P2100394: Sensor unit for concentrated photovoltaic technologies using point-focusing glass Fresnel lenses
4. P2100209: Procedure for controlling active solar-tracking PV systems and circuit layout for the implementation of the procedure
5. P2100170: Procedure for schedule keeping in electricity generation based on weather-dependent renewable energy sources
6. P2100339: Equipment for determining the illuminance of incident ambient light and the direct radiation of the sun detected as a point
7. P2100437: Procedure and circuit layout for detecting the malfunctioning sensor units of active sensor solar-tracking systems

Publications:

See the most important ones on the following webpage:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10047573>