

Personal data



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Sándor Szalai, DSc
scientific advisor
geophysicist, environmental researcher

Researchgate: https://www.researchgate.net/profile/S_Szalai

Google Scholar: <https://scholar.google.com/citations?hl=en&user=A6Sr36AAAAAJ>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6701415709>

Research Experience

- Sep 2020 – present* **Scientific advisor**
Institute of Earth Physics and Space Science, HUN-REN, Sopron, Hungary
- Oct 2002 – Sep 2020* **Senior research fellow**
Geodetic and Geophysical Institute of the Hungarian Academy of Science
Sopron, Hungary
- Sep 2004 – Aug 2008* **PI of the OTKA project "Goelectric null arrays"**
Geodetic and Geophysical Institute of the Hungarian Academy of Science
Sopron, Hungary
- Sep 2002 – Aug 2003* **Postdoctoral researcher**
University Louis Pasteur, Geophysical, Strasbourg, France
- Jan 2002 – Jun 2010* **Lecturer**
University of West Hungary, Sopron, Institute of Sciences, Sopron, Hungary
- Sep 1994 – Aug 1995* **Postgraduate student**
University Fridericana, Karlsruhe, Baden-Württemberg, Germany
- Sep 1993 – present* **Head of the Goelectric Groupe**
Hungarian Academy of Sciences, Geodetic and Geophysical Institute
Sopron, Győr-Moson-Sopron, Hungary

Fields of Research

Geoelectric method, Near Surface Geophysics, Environmental Geophysics, Hydrogeology, Archaeology
Electrical Resistivity Tomography, null and quasi null arrays, understanding, interpretation, development of methods to study near-surface fracture systems, karst, landslides, waste deposits, dams

Education

- Sep 1998 – May 2002* **DSc**
Hungarian Academy of Sciences, Sopron, Hungary
Title of Thesis: „Geoelectric quasi null-arrays“
- Sep 1998 – May 2002* **PhD**
University of West Hungary, Sopron, Hungary; geoelectric research,
Title of Thesis: „Direct current null-arrays“
- Sep 1987 – Jun 1993* **MSc Eötvös Loránd University**
Eötvös Loránd University, Budapest, Hungary; geophysics, environmental studies
Title of Thesis: „Investigation of waste deposits by geoelectric method“

Awards & Grants

- Nov 2014* Award: outstanding research (Bolyai János research Scholarship Board)
- Sep 2011* Scholarship: Bolyai János research Scholarship Board for 3 years
- Sep 2011* Award: outstanding research (Bolyai János research Scholarship Board)
- Sep 2008* Scholarship: Bolyai János research Scholarship Board for 3 years
- Apr 2003* Award: Best paper of the year (in Hungary)
- Sep 2002* Scholarship: University Loius Pasteur, Strasbourg, France
- Oct 2001* Award: Szádetzky-Kardoss Elemér
- Sep 1994* Scholarship: University Fridericiana, Karlsruhe, Germany

Skills & Activities

- Languages* German (high level, Hungarian state language certificate, C type), C2
English (intermediate level, Hungarian state language certificate, C type), C1
French, B2
Russian (intermediate level, Hungarian state language certificate, C type), B1
Hungarian (mother tongue)
- Driving license* B category (European Union compatible)
- Interests* all kind of sports, reading, history, people, dance, languages

Full list of publications

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10000585>