

# CURRICULUM VITAE

## PERSONAL DATA

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Name **Dr. Antal Ürmös PhD.**  
Current position senior lecturer (assistant professor)  
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Personal datasheets <https://aat.mta.hu/aat/Person/Details/10054651>  
<https://orcid.org/0000-0001-5620-3913>  
<https://publons.com/researcher/4270247/antal-urmos/>

## RESEARCH FIELDS

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material science, compound semiconductors, epitaxy, nanostructures, high efficiency solar cells

## LIST OF PUBLICATIONS

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Repository of Hungarian Scientific Publications: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10038079&view=simpleList>

## MEMBERSHIP

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*Since 2021* *Member of the Association of Telecommunications and Informatics, Department of Micro and Nanoelectronics*  
*Since 2018* *Member of the HAS public committee (Hungarian Academy Of Sciences, Section of Engineering Sciences, Committee on Electronic Devices and Technologies)*  
*Since 2017* *Member of the MAE - Hungarian Society of Materials Science*  
*Since 2012* *Member of the Research Group for Material and Environmental Sciences (OE-RGMES)*

## PROFESSIONAL PRACTICE

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*Since 2022* *Óbuda University, Kandó Kálmán Faculty of Electrical Engineering, Institute of Electronics and Communication Systems, Department of Microelectronics and Technology, senior lecturer (assistant professor)*  
*Since 2019* *Óbuda University, Kandó Kálmán Faculty of Electrical Engineering, Institute of Microelectronics and Technology, senior lecturer (assistant professor)*  
*Since 2018* *Budapest Metropolitan University, Faculty of Arts and Creative Industries, Department of Architecture and Design, University lecturer*

Since 2012

**Óbuda University, Kandó Kálmán Faculty of Electrical Engineering, Institute of Microelectronics and Technology, University lecturer**

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## EDUCATIONAL EXPERIENCES

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- Teaching of the „Low-dimensional Self-assembling System” in the sixth semester in the mechatronics education, in the BSc. level, in hungarian and in english as well, in Óbuda University (both for regular and distance learning course students).
- Electronics laboratory practice teaching for the first and second year BSc. level electrical engineer students in Óbuda University, in hungarian.
- Teaching of the Basics of Natural Sciences for the first year BSc. level electrical engineer students in Óbuda University, in hungarian.
- Teaching of Lighting technology in the BSc. level environmental culture students in Budapest Metropolitan University, in english.
- Teaching of electronics (both lectures and practices) for first-year technical engineer assistant students (higher education professional training), in Óbuda University (both for regular and distance learning course students).
- Tutoring courses for BSc. level technical manager students in Physics (in hungarian) and for BSc. level electrical engineer students in Basics of Natural Sciences and Electronics (both in hungarian also) in Óbuda University.
- Teaching of electrical material knowledge laboratory exercises for first-year electrical engineering (BSc) students in Hungarian, in the form of laboratory exercises, at the University of Óbuda
- Teaching of Technical documentation, for foreign students in English, at the Óbuda University.

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## EDUCATION

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2017-2018	<b>Óbuda University, Doctoral School on Materials Sciences and Technologies, doctoral candidate</b>
2012-2015	<b>Óbuda University, Doctoral School of Applied Informatics and Applied Mathematics, PhD. student</b>
2002-2010	<b>Budapest University of Technology and Economics</b> <ul style="list-style-type: none"><li>▪ <i>Faculty of Electrical Engineering and Informatics – Electrical Engineer, major specialisation in Microsystems and Module Circuits and minor specialisation in Applied Informatics</i></li></ul>

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## LANGUAGES

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<i>English:</i>	Conversational-level (general intermediate, A and B type language exam)
<i>German:</i>	Basic-level, complex language exam

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## COMPUTER SCIENCE RELATED AND OTHER KNOWLEDGE

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- MS Office: Word, Excel

- Programming environments: C, C++, C#, MS. NET (ADO. NET, ASP. NET, WinForms, Remoting), Mathematica, Matlab
- Application of soft-computing methods: fuzzy inference systems, Kohonen Self-Organizing Mapping (Kohonen SOM),

Budapest, 24.10.2023