# Europass Curriculum Vitae

## Personal information

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|---|---|
| First name | **Tadeusz P.** |
| Surname | **Dobrowiecki** |
| Nationality | **Hungarian, Polish** |
| Date of birth | **25/01/52** |
| Place of birth | **Warsaw** |
| Gender | **male** |

## Affiliation

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| Position | **associate professor** |
| Department | **Department of Measurement and Information Systems** |
| | **Budapest University of Technology and Economics** |
| Phone | **(+36 1) 463 2899** |
| Fax | **(+36 1) 463 4112** |
| E-mail | **dobrowiecki@mit.bme.hu** |
| Academic degree | **PhD** |
| Year of obtaining | **1993** |
| Qualification | **M.Sc.E.E.** |
| Date | **1975** |
| Name of organisation providing the degree: | **Budapest University of Technology and Economics** |

## Language skills and competences

Mother tongue

Language(s)

| | Understanding | | Speaking | | Writing |
|---|---|---|---|---|---|
| Language | Listening | Reading | Interaction | Production | |
| **English** | **C1-Proficie** | **C1-Proficie** | **C1-Proficie** | **C1-Proficie** | **C1-Proficie** |
| **German** | **B2-Indepen** | **B2-Indepen** | **A2-Basic** | **A2-Basic** | **B1-Indepen** |
| **Dutch** | **A1-Basic** | **A2-Basic** | **A1-Basic** | **A1-Basic** | **A1-Basic** |
| **Russian** | **C1-Proficie** | **C1-Proficie** | **B2-Indepen** | **B2-Indepen** | **B2-Indepen** |

Language certificate(s): **English, Medium Level**

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| **Professional information** | |
| Scholarships and awards/w date | **Széchenyi Professor/1997-2000, Széchenyi István Scholarship/2000-2005, IEEE Fellow/2007, Kalmár László award (NJSzt)/2014** |
| Leaves & research abroad | **between 1991-2005 altogether 3 years at Vrije Universiteit Brussel** |
| Fields of education | **artificial intelligence, cooperative systems** |
| Education activities in English | **teaching and tutoring in artificial intelligence, cooperative systems** |
| Research fields | **knowledge-based approach in measuring and diagnostic systems, multi-level signal modeling and processing, advanced software technologies, computer based measurement systems, nonlinear systems and filtering techniques, artificial intelligence based system identification** |
| 5 most important results | |
| Number of publications | **124** |
| Number of conference presentations | **96** |
| Membership(s) | **Measurement and Automations Society, Hungarian Automation Association, János Neumann Computer Science Society, IEEE Instrumentation and Measurement Society, IEEE System, Man, and Cybernetics Society, IEEE Transactions on Measurement and Instrumentation Associate Editor** |

| 5 most important publications in the past 5 years | J. Schoukens, T. Dobrowiecki, Y. Rolain, and R. Pintelon<br>**Upper Bounding Variations of Best Linear Approximations of Nonlinear Systems in Power Sweep Measurements.**<br>**IEEE Trans. on Instrumentation and Measurement, May 2010 Vol 59 Nr 5 1139-1146**<br><br>**Dobrowiecki T P, J. Schoukens**<br>**Measuring linear approximation to weakly nonlinear MIMO systems.**<br>**AUTOMATICA 43:(10) pp. 1737-1751. (2007)**<br><br>**Dezsényi Cs, T P Dobrowiecki, T Mészáros**<br>**Adaptive Information Extraction from Unstructured Documents.**<br>**JOURNAL OF INTELLIGENT INFORMATION SYSTEMS 1:(2) pp. 156-180. (2007)**<br><br>**Dobrowiecki TP, Schoukens J, Guillaume P**<br>**Optimized Excitation Signals For Mimo Frequency Response Function Measurements.**<br>**IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT 55:(6) pp. 2072-2079. (2006)**<br><br>**Schoukens J, Pintelon R, Dobrowiecki T, Rolain Y**<br>**Identification of Linear Systems With Nonlinear Distortions.**<br>**AUTOMATICA 41:(3) pp. 491-504. (2005)** |
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| 5 most important publications | J. Schoukens, T. Dobrowiecki, Y. Rolain, and R. Pintelon<br>**Upper Bounding Variations of Best Linear Approximations of Nonlinear Systems in Power Sweep Measurements.**<br>**IEEE Trans. on Instrumentation and Measurement, May 2010 Vol 59 Nr 5 1139-1146**<br><br>**Dobrowiecki T P, J. Schoukens**<br>**Measuring linear approximation to weakly nonlinear MIMO systems.**<br>**Automatica 43:(10) pp. 1737-1751. (2007)**<br><br>**Dezsényi Cs, T P Dobrowiecki, T Mészáros**<br>**Adaptive Information Extraction from Unstructured Documents.**<br>**Journal of Intelligent Information Systems 1:(2) pp. 156-180. (2007)**<br><br>**J. Schoukens, R. Pintelon , T. Dobrowiecki, and Y. Rolain, "Identification of linear systems with nonlinear distortions", Automatica 41, 2005, pp. 491-504**<br><br>**J. Schoukens, T.P. Dobrowiecki and R. Pintelon, "Parametric and Non-Parametric Identification of Linear Systems in the Presence of Nonlinear Distortions. A Frequency Domain Approach," IEEE Trans. on Automatic Control, Vol. 43, No. 2., Feb 1998, pp. 176-190** |