

Dr. Endre Jánosi

Associate Professor

Eötvös Loránd University, Faculty of Informatics,
Savaria Institute of Technology
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ACADEMIC EDUCATION

- 2004/06** **Ph.D. in Engineering Sciences**
Title of Dissertation: *Contributions to the quality management in the dialysis process*
Politehnica University of Timisoara, Timisoara, Romania
- 2001/10** **M.Sc. in Mechanical Engineering: Specialization in Measurement Systems and Metrology**
Title of Dissertation: *Metrology and quality in dialysis*
Ecole Superieure de Metrologie, Ecole des Mines de Douai, Douai, France
- 1999/07** **M.Sc. in Mechanical Engineering: Specialization in Advanced Quality Assurance methods and techniques**
Title of Dissertation: *Quality assurance of the water used in the dialysis process*
Politehnica University of Timisoara, Timisoara, Romania
- 1998/07** **M.Sc. in Mechanical Engineering: Specialization in Precision Mechanics**
Project title: *Anesthesia Vaporizer*
Politehnica University of Timisoara, Timisoara, Romania

PROFESSIONAL CAREER

- 2017 -** **Associate Professor**
Eötvös Loránd University, Faculty of Informatics, Savaria Institute of Technology
- 2014 – 2017** **Associate Professor**
University of West Hungary, Faculty of Natural Sciences and Technology:
Savaria Institute of Technology, Department of Mechanical Engineering.
- 1998 - 2014** **Assistant Professor, researcher**
Politehnica University of Timisoara, Mechatronics Department.

RESEARCH FIELDS

- **Measurement systems, metrology:** processing and developing methods with applications in education, production and laboratory.
- **Quality and environmental management:** management system analysis and engineering manager education in the industrial and business world.
- **Adult education:** training of qualified, on-demand, workers in training modules.

EDUCATION ACTIVITIES

As instructor

- Subject (BSc): Measurement Systems, Metrology, Medical devices, Mechanisms, Optics
- Subject (MSc): Medical therapy devices

As lecturer

- Subject (BSc): Metrology, Biomedical devices

LANGUAGE SKILLS

- French: Full professional proficiency (C1)
- Romanian: Full professional proficiency (C1)
- English: Professional working proficiency (B2)
- German: Professional working proficiency (B2)
- Hungarian: Native (C2)

SOFTWARE SKILLS

- CAD software: AutoCad
- MATLAB

SCIENTIFIC ACTIVITIES AND MEMBERSHIPS

- 2004 -** **Member** of the Public Body of the Hungarian Academy of Sciences (MTA).
- 2013 - 2014** **Member or President** of the adult formation comity's, Timis County Work Center – external collaborator.
- 2004 - 2014** **External expert evaluator** at the Romanian University Research Council (expertise fields: measurement systems, metrology, quality management).
- 2005 - 2014** **President Techné** - Association of the Hungarian University Teachers and Researchers, Timisoara, Romania.
- 2010 - 2014** **Scientific secretary**, Cluj-Napoca Academic Comity (KAB) - Banat Workgroup.
- 2012** **Co – Chair of the Bio and Eco Technology's section**, INTER - ENG 2012 International Scientific Conference.
- 2010 - 2012** **President** of the XI. XII. XIII. Student Scientific Conference – Timisoara – under patronage of the Hungarian Ministry of Education and the Rector of University Politehnica of Timisoara.
- 2011** **Erasmus Teaching Mobility coordination** at the University Politehnica of Timisoara between 2011.05.09 – 2011.05.14, Prof. Dr. Hodur Cecilia and Dr. Csanádi József Senior Lecturer – Technical University of Szeged.
- 2010** **President of Engineering Sciences section**, XI. International Research Symposium, ISIRR 2010 – Szeged – MTA Szeged Regional Comity.
- 2010 -** **Lead Auditor** (quality and environmental management systems – ISO 9001, ISO 14001) EUPONTCERT Kft Budapest - external collaborator

- 2007 - 2010** **Lead Auditor** (quality management systems - ISO 9001)
TÜV Austria - external collaborator
- 2007 - 2010** **Auditor** (quality management systems - ISO 9001)
TÜV Nord Hungary - external collaborator
- 2005 - 2007** **Consultant, auditor** - quality and environmental management systems
S.C EuroSys S.R.L
- 2001** **External collaborator** – adult formation
Université de Technologie de Compiègne – France, Département Formation continue
- 2001 - 2011** **Coordinator** of student diploma works.
Politehnica University of Timisoara, Timisoara, Romania
- 1998 - 2001** **Secretary of University Graduate Comity.**
Politehnica University of Timisoara, Timisoara, Romania

SCIENTIFIC ACHIEVEMENTS

- 2005** Excellent university teacher-researcher award. Orizonturi Universitare Association, Timisoara, Romania
- 2001** Research grant (4 months) at Université de Technologie de Compiègne, Compiègne, France.
- 2000** Study grant (7 months) at Ecole de Mines de Douai, Douai, France.

PUBLICATIONS

Book, book chapter, monograph:

1. V. Ațișoiaiei, V. Argeșanu, I. Nicoară, D. Mișcov, **Ianosî Endre**: “Optoelectronică. Materiale. Componente. Aplicații” (Optoelectronics, Materials, Components, Applications), Ed. Eurostampa Timișoara, 1999 (ISBN 973-8027-19-5)
2. **Ianosî Endre**: “Metrologie et Qualite en dialyse” (Metrology and quality in dialysis) – Université de Technologie de Compiègne, France – 2001.
3. **Endre Ianosî**, Valeria Văcărescu: „Aparate pentru dializă. Aspecte tehnice și de calitate” (Dialysis apparatus. Technical and quality aspects), Ed. Orizonturi Universitare Timișoara, 2002 (ISBN 973-8391-26-1)
4. **Endre Ianosî** : “Aparate pentru dializă. Elemente constructive și metode de măsurare specifice” (Dialysis apparatus. Constructive elements and specific measurement methods) - Ed. Politehnica Timișoara, 2003 (ISBN 973-625-087-3).
5. **Endre Ianosî**:” Contribuții la studiul aparaturii de dializă în vederea asigurării calității procesului de dializă” (Contributions to the quality management in the dialysis process) – Ph.D Dissertation, Timișoara, 2004.
6. D. Perju, **E. Ianosî**, M. Mateaș, V. Duma: ”Aparate și sisteme de măsurare” (Measurement devices and systems) - Ed. Politehnica Timișoara, 2005 (ISBN 973-625-194-2).
7. **Endre Ianosî**: ”Principii de tratare a apei în procesul de dializă” (Principles of water treatment in dialysis) - Ed. Politehnica Timișoara, 2007 (ISBN 973-625-304-X).

Journal papers:

1. Mateaș Marius, **Ianosî Endre**: Infrared method to assess the student’s anticipative stress , *EHB 2013 Iasi*, 21-23 Nov. 2013, pp.315-319, ISBN 978-1-4799-2373-1/13/\$31.00 ©2013, DOI: 10.1109 / EHB. 2013. 6707392, IEEE Xplore, ISI indexed.
2. Mateaș Marius, **Ianosî Endre**: Objective criteria for industrial robots selection - *The Joint International Conference of the XI International Conference on Mechanisms and Mechanical Transmissions (MTM) and the International Conference on Robotics (Robotics’12), Clermont - Ferrand, France, June 6-8, 2012*, pp. 378-384, Applied Mechanics and Materials, Vol. 162, ISBN 978-3-03785-395-5, DOI: 10.4028/www.scientific.net/AMM.162.378 – ISI indexed.
3. Mateaș Marius, **Ianosî Endre**: Flash flood warning system for small rural communities – *Review of Faculty of Engineering – Analecta Technica Szegedinesia, 2011*, pp.102-107, ISSN 1788-6392.
4. **Ianosî Endre**: Considerations about efficient health care management systems, *EHB 2011 Iasi*, 24-26 Nov. 2011, pp.515-519, ISBN 978-1-4577-0292-1, WOS: 000304806300041, IEEE Xplore - ISI indexed.
5. **Ianosî Endre**: Quality and risk management in dialysis, *EHB 2011 Iasi*, 24-26 Nov. 2011, pp. 519-523, ISBN 978-1-4577-0292-1, WOS: 000304806300050, IEEE Xplore - ISI indexed.
6. **Ianosî Endre**: Considerations about food safety management system’s auditing - International Conference on SCIENCE and TECHNIQUE in the AGRI-FOOD Business, University of Szeged Faculty of Engineering in cooperation with Hungarian Academy of Sciences Regional Committee in Szeged and the Hungarian Scientific Society for Food Industry, 3-4 November 2010, Szeged-HU, *Review of Faculty of Engineering – Analecta Technica Szegedinesia, 2010*, pp. 104 -110, ISSN 1788-6392.

7. Mateaş Marius, **Ianoşi Endre**: Consideration about dental laser treatment evaluation methodologies *Proceedings of the X. International Conference on the Theory of Machines and Mechanisms*, 2008, September 2-4 Liberec, Czech Republic, pp.393-398, ISBN 978-80-7372-370-5, WOS: 000259441500065, ISI indexed.
8. Veronica Argeşanu, Valeria Văcărescu, **Endre Ianos** : Considerations about ergonomic risks factors in dentistry - Proceedings of the X. International Conference on Mechanisms and Mechanical Transmission, Oct. 8-10 Timișoara, *Scientific Bulletin of the POLITEHNICA University of Timisoara, Transaction on Mechanics, Tom 53(67), Fasc. S1, 2008*, pp.277-280, ISSN 1224-6077.
9. **Endre Ianos**, Veronica Argeşanu, Valeria Văcărescu : Considerations about ergonomic risks minimisation in dentistry - Proceedings of the X. International Conference on Mechanisms and Mechanical Transmission, Oct. 8-10 Timișoara, *Scientific Bulletin of the POLITEHNICA University of Timisoara, Transaction on Mechanics, Tom 53(67), Fasc. S1, 2008*, pp.281-284, ISSN 1224-6077.
10. Mateaş Marius, Valeria Văcărescu, Erwin Lovasz, **Endre Ianos**: Consideration about pain reaction to non verbal children - Proceedings of the X. International Conference on Mechanisms and Mechanical Transmission, Oct. 8-10 Timișoara, *Scientific Bulletin of the POLITEHNICA University of Timisoara, Transaction on Mechanics, Tom 53(67), Fasc. S1, 2008*, pp.265-267, ISSN 1224-6077.

Conference proceedings:

1. Mesaros Anghel Voicu, **Ianos** **Endre**, Cărăbaş Iosif, Lucian Mădăras: About speed breaker synthesis with no deterioration of the car suspension, *Proceedings of the XI. IFToMM International Symposium on Science of Mechanisms and Machines, SYROM 2013*, Nov. 11-12, Braşov, pp. 287-297, ISBN 978-3-319-01844-7, Springer Link.
2. **Ianos** **Endre**: Risk minimization systems and methods in the suppliance of renal function - Interdisciplinarity in Engineering, *Proceedings of the International scientific conference Inter-Eng 2012, 4-5 Oct. 2012*, Tirgu Mures, pp. 199-202, ISSN 2285- 0945.
3. **Ianos** **Endre**: Safety aspects of the water treatment systems for medical utilization - Interdisciplinarity in Engineering, *Proceedings of the International scientific conference Inter-Eng 2012, 4-5 Oct. 2012*, Tirgu Mures, pp. 188-191, ISSN 2285- 0945.
4. Mateaş Marius, **Ianos** **Endre**: Electro dermal quantification of some dental treatment's efficiency - *Proceedings of the XI. International Conference on the Theory of Machines and Mechanisms*, 2012, September 4-6 Liberec, Czech Republic, pp. 523-530, ISBN 978-94-007-5124-8, Springer Link.
5. **Ianos** **Endre**: Considerations about electrical safety in the dialysis process – *Annals of 21th DAAAM World Symposium 2010*, University of Zadar, Zadar, 20-23 Oct. Zadar – HR, pp 915-916, ISBN 978-3-901509-73-5.
6. **Ianos** **Endre**: Analysis method with application in the implementation of food safety management systems - *International Conference on SCIENCE and TECHNIQUE in the AGRI-FOOD Business, University of Szeged Faculty of Engineering in cooperation with Hungarian Academy of Sciences Regional Committee in Szeged and the Hungarian Scientific Society for Food Industry, 5-6 November 2008*, Szeged-HU, pp.224-231, ISBN 978-963-482-908-9.
7. **Ianos** **Endre**: Considerations about non invasive temperature measurement in the food industry - *International Conference on SCIENCE and TECHNIQUE in the AGRI-FOOD Business, University of Szeged Faculty of Engineering in cooperation with Hungarian Academy of Sciences Regional Committee in Szeged and the Hungarian Scientific Society for Food Industry, 5-6 November 2008*, Szeged-HU, pp.342-345, ISBN 978-963-482-908-9.
8. Valer Dolga, Lia Dolga, **Endre Ianos**: New approach in mechatronics education at the Politehnica University of Timisoara, *International Symposium on Mechanical, Mechatronical and Security Technologies, 14 Nov. 2008*, Budapest – HU, ISBN 978-963-7154-85-0.