



Hungary-Serbia

IPA Cross-border Co-operation Programme



The Programme is co-financed by the European Union

Europass Curriculum Vitae

Project acronym

REVLAB

Abbreviated name of the organization

SZTE

Personal information

First name(s) / Surname(s)

Zoltán GINGL

Address(es)

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Nationality

Hungarian

Date of birth

17.12.1963

Gender

male

**Position / role
In the project**

Researcher

Work experience

Dates

2011-to date: Associate Professor and Head of Department at the University of Szeged, Department of Technical Informatics

2002-2011: Associate Professor at the University of Szeged, Department of Experimental Physics

1994-2002: Assistant Professor at the University of Szeged, Department of Experimental Physics

1988-1994: Assistant Lecturer at the University of Szeged, Department of Experimental Physics

Occupation or position held

Associate Professor

Main activities and responsibilities

Teaching and Research

Name and address of employer

University of Szeged, Department of Technical Informatics, Árpád tér 2, H6720, Szeged

Type of business or sector

Academic

Education and training

Dates

1996 PhD in Physics, University of Szeged

1988 MSc in Physics, University of Szeged

Title of qualification awarded

National Vocational Qualification Level 8: Doctor of Physical Sciences

Principal subjects/occupational skills covered

Physics

Name and type of organisation providing education and training

University of Szeged

Level in national or international classification

ISCED Level 6



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Personal skills and competences

Mother tongue(s)

Hungarian

Other language(s)

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) *Common European Framework of Reference for Languages*

Organisational skills and competences

Principal investigator of 4 national research projects, participated in 7 national and 2 international research projects

Leader of research group (1997-)

Head of Department (2011-)

Technical skills and competences

Instrumentation, electronic design, instrument development, embedded systems, numerical simulations, developments to support experimental and computer aided education

Computer skills and competences

C, C++, LabVIEW

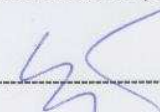
Driving licence

Category B

Additional information

Selected Publications:

1. Kocsis P, Asztalos E, **Gingl Z**, Maroti P: Kinetic bacteriochlorophyll fluorometer, *Photosynthesis research* 105: (1) pp. 73-82. (2010)
2. **Gingl Z**, Kish LB, Ayhan B, Kwan C, Granqvist CG: Fluctuation-Enhanced Sensing With Zero-Crossing Analysis for High-Speed and Low-Power Applications, *IEEE sensors journal* 10: (3) pp. 492-497. (2010)
3. Mingesz R, **Gingl Z**, Kish LB: Johnson(-like)-Noise-Kirchhoff-loop based secure classical communicator characteristics, for ranges of two to two thousand kilometers, via model-line, *Physics letters A* 372: (7) pp. 978-984. (2008)
4. **Gingl Z**, Makra P, Vajtai R: High signal-to-noise ratio gain by stochastic resonance in a double well, *luctuation and noise letters* 1: (3) pp. L181-L188. (2001)
5. **Gingl Z**, Vajtai R, Kiss LB: Signal-to-noise ratio gain by stochastic resonance in a bistable system, *chaos solitons & fractals* 11: (12) pp. 1929-1932. (2000)
6. Sh. Ishioka, **Z. Gingl**, D. Choi and N. Fuchikami, Amplitude truncation of Gaussian $1/f(\alpha)$ noises, *Physics Letters A* 269:(1) pp. 7-12 (2000)
7. **Gingl Z**, Kiss LB, Moss F: Non-Dynamical Stochastic Resonance - Theory and Experiments with White and Arbitrarily Colored Noise, *Europhysics letters* 29: (3) pp. 191-196. (1995)



Signature