Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Tamás NAGY-GYÖRGY**
Address(es)	Timişoara, 2nd T. Lalescu C – 300223 Timisoara, Romania
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Nationality	Romanian

Work experience

Dates	1999 - 2004 / 2004 - 2008 / 2008 - 2014 / 2014 - 2016 / onwards	2006 onwards
Occupation or position held	Ph. D Stud / Assistant / Lecturer / Assoc. Prof. / Professor	Consultant
Main activities and responsibilities	Teaching, Research, Design in Civil Engineering	Design, Consultancies
Name and address of employer	Politehnica University of Timişoara	SC YURTA SRL Timişoara
Type of business or sector	University	Civil Engineering

Education and training

Dates	1994 -1999	1999 - 2001	1999 - 2004
Title of qualification awarded	Engineer	Master	Ph. D.
Principal subjects/occupational skills covered	Civil Engineering	Building Rehabilitation	Use of the FRP Composites for Strengthening Masonry and RC Elements
Name and type of organisation providing education and training	Politehnica University of Timişoara, Romania		

International Training Stages

Dates	2002 - research	2000, 2001, 2002 - research	1997, 1998, 1999 - studies
Name and type of organisation providing education and training	University of North Carolina at Charlotte, USA	Technical University of Budapest, Hungary	Technical University of Budapest, Hungary

Personal skills and competences

Mother tongue(s): **Hungarian**

Other language(s) Self-assessment

	Understanding			Speaking				Writing	
European level (*)	Listening		Reading	Spoken interaction		Spoken production			
English	B2	Intermediate	C1	Intermediate	B2	Intermediate	B2	Intermediate	B2	Intermediate
Romanian	C2	Advanced	C2	Advanced	C1	Advanced	C1	Advanced	C2	Advanced

(*) Common European Framework of Reference for Languages

Social skills and competences: Teamwork and intercultural interaction

Organisational skills and competences: Coordinator of research contracts, experimental programs
PhD supervisor – habilitation thesis defended in 2016

Technical skills and competences	Design of Reinforced Concrete Structures Fibre Reinforced Polymer (FRP) Composites in Constructions Structural Strengthening Methods and Techniques for Structural Monitoring Masonry Structures Structural Health Monitoring
Computer skills and competences	Microsoft Office, CAD, AXIS VM
Affiliation to Professional Associations	*fib* - International Federation for Structural Concrete (since 2006) ACI – American Concrete Institute (since 2011) AICPS - Association for Structural Building Designers in Romania (since 2001) EMT - Hungarian Technical Scientific Society of Transylvania (since 2001) Member of public body of Hungarian Academy of Sciences (since 2008)
Research works	*Member in **11 national** research grants**, in 4 as director*** - Strengthening of Reinforced Concrete and Brick Masonry Wall Members with CFRP Composites, ANSTI - T, GR 6153/2000-2001; - Retrofit monumental buildings from masonry structure using FRP composites, CNCSIS-TD, CT 39783/2002, 33550/2003; - Experimental Tests of Reinforced Concrete Structural Walls Retrofitted with CFRP Composites, CNCSIS - TD, CT 32940/2004; - Advanced Systems for Strengthening Reinforced Concrete Structural Elements as Beams, Columns, Walls and Slabs Using Fiber Reinforced Polymer Composite Materials, CEEX - ET, CT 1436/2006-2008; - Use of carbon fiber reinforced composites for strengthening reinforced concrete and brick masonry elements, CNCSIS A, CT 34977/2001-2003; - Optimization of modern steel-concrete composite solutions used for structures, CNCSIS A, CT 34977/2001-2003; - Stiffness assessment of masonry elements retrofitted with different procedures, CNCSIS A, CT 27688/2005-2006; - Theoretical and Experimental Study of Precast Beam Ends Retrofitted with FRP Composites, CNCSIS A, CT 27688/2005; - Strengthening Reinforced Concrete Structural Walls and Slabs with Cut-Out Openings Using Fiber Reinforced Polymer Composites, CT CNCSIS A, CT 58GR/2006-2008; - Innovative structural systems from steel-concrete polymer composites, PN II, ID_1004, 621/2009-2011; - Nearly zero energy house and passive house – sustainable solutions for residential buildings, PN II-PT-PCCA-2011-2016; *Member in **5 international** research grants, in **1 as co-director*** - Seismic Retrofit of Masonry Structures, COBASE/NSF/2002; - Improvement of buildings' structural quality by new technologies, COST C12/ESF/2002-2005; - PROHITECH - Earthquake PROtection of HIstorical buildings by reversible mixed TECHnologies, FP6/ESF/2005-2008; - PASSHOUSE - Performance ASSessment of energy efficient HOUSEs Through Monitoring, HURO/ESF/2012-2013; - Next Generation Design Guidelines for Composites in Construction, COST TU1207/ESF/2013-2016.
Papers / Books	- COST C12 – Improvement of Bulidings Structurall Quality by New Technologies (WG2), Final Scientific Report (WG2), A. A. Balkema Publishers, 2004, ISBN 9780415366090 - Earthquake Protection of Historical Buildings by Reversible Mixed Technologies. FP6 PROHITECH: Volume 3: Seismic Protection of historical buildings: experimental activity, Polimetrica, 2012, ISBN 978-88-7699-173-8 Volume 5: Seismic protection of historical buildings: calculation models, Polimetrica, 2012, ISBN 978-88-7699-177-6 - Nagy-György T, FRP composites for strengthening masonry and concrete elements (in Romanian), Politehnica, 2007, ISBN 978-973-625-445-1 - Stoian V., Nagy-György T., Dan D., Gergely J., Dăescu C., Fiber Reinforced Polymer Composites for Constructions (in Romanian), Politehnica, 2004/2009, ISBN 973-625-948-7 - Nagy-György T., Floruţ C., Concrete 2 - guideline for designing a reinforced concrete slab (in Romanian), Ed. Mirton, 2016, ISBN 978-973-52-1656-6 - Floruţ S. C.,Nagy-György T., Concrete 2 - guideline for designing a reinforced concrete slab, Mirton, 2016, 978-973-52-1657-3 More than 190 published scientific papers: 12 Papers in National Journals, 31 Papers in other International Databases, 27 Papers indexed in ISI

Professional Certifications	Laboratory Chef for research and testing activities - attested by State Inspectorate for Constructions (since 2008) Quality Design Checker of Romanian Ministry for Public Works and Buildings (since 2008) Structural Health Monitor of Structures (since 2008) Certified project verifier – requirement A1 (strength and stability of concrete, masonry, timber structures)
Design works	Collaboration in more than 60 Structural Design Projects, Expertise or Rehabilitation Projects
Hobby	Wine tasting, hiking, tennis, dancing
Additional information	References available upon request.

15.04.2020
Timișoara

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