

Tamás F. Görbe — Curriculum Vitae

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Contact details

Address	Department of Theoretical Physics University of Szeged TISZA L. KRT. 84-86. SZEGED, HUNGARY, H-6720	Phone	+36 62 544 809
		E-mail	tfgorbe@physx.u-szeged.hu
		Skype	tfgorbe
		arXiv	arxiv.org/a/gorbe_t_1

Employment

01/2018 -	Assistant Professor	} Department of Theoretical Physics, University of Szeged
12/2017 - 07/2017	Research Fellow	
09/2016 - 06/2017	Predoctoral Research Fellow	

Education

2013 - 2016 **PhD in Mathematical Physics**, University of Szeged
Thesis: *Integrable many-body systems of Calogero-Ruijsenaars type*
Supervisor: László Fehér

2011 - 2013 **MSc in Applied Mathematics**, University of Szeged
Thesis: *Group-theoretic treatment of integrable systems*

2007 - 2011 **BSc in Mathematics**, University of Szeged
Thesis: *Lie groups and related algebraic structures*

Research Interests: Mathematical Physics; Integrable Systems

Research Grants

09/2016 - **New National Excellence Programme (ÚNKP)** Grant no. ÚNKP-16-3
06/2017 *Geometric and field-theoretic aspects of integrable systems*
Type: Fellowship | Role: **PI** | PI: Tamás F. Görbe
Value: HUF 3,500,000 (\approx £10,000)

09/2014 - **Hungarian Scientific Research Fund (OTKA)** Grant no. K-111697
08/2018 *Group-theoretic aspects of integrable systems and their dualities*
Type: Research Grant | Role: **Researcher** | PI: László Fehér
Value: HUF 6,670,000 (\approx £19,000)

03/2013 - **National Excellence Programme (NKP)** Grant no. A2-ELMH-12-0027
01/2014 *The trigonometric $BC(n)$ Sutherland system and its action-angle dual*
Type: Fellowship | Role: **PI** | PI: Tamás F. Görbe
Value: HUF 1,000,000 (\approx £2,850)

07/2009 - **Hungarian Scientific Research Fund (OTKA)** Grant no. K-77400
12/2013 *Integrable many-body and field-theoretic models*
Type: Research Grant | Role: **Student participant** | PI: László Fehér
Value: HUF 14,656,000 (\approx £41,750)

Scientific Societies: Public body of the Hungarian Academy of Sciences • János Bolyai Mathematical Society
• Roland Eötvös Physical Society

Acted as Referee/Reviewer for: Journal of Nonlinear Mathematical Physics • Letters in Mathematical Physics • Symmetry, Integrability and Geometry: Methods and Applications (SIGMA) • Mathematical Reviews • Zentralblatt MATH

Short Academic Visits

• University of Leeds (05/2017 - 06/2017) Hosts: Oleg Chalykh and Simon Ruijsenaars

- Chalmers University of Technology, Gothenburg (05/2017) Host: Martin Hallnäs
- University of Leeds (10/2016) Host: Simon Ruijsenaars
- University of York (10/2016) Hosts: Ed Corrigan and Niall MacKay
- Loughborough University (10/2016) Host: Martin Hallnäs
- CRM Ennio De Giorgi, Pisa (12/2014 - 01/2015) Research Programme: “Perspectives in Lie Theory”
- CRM, Barcelona, (09-14/09/2013) Research Programme: “Geometry and Dynamics of Integrable Systems”

Selected Conference/Seminar Talks

- Finite Dimensional Integrable Systems in Geometry and Math.Phys. (FDIS-2017) Conference, CRM, Barcelona
- Analysis and Probability Seminar (16/05/2017) Chalmers University of Technology
- Integrable Systems Seminar (21/10/2016) University of Leeds
- Mathematical Physics Seminar (20/10/2016) University of York
- Geometry and Mathematical Physics Seminar (05/10/2016) Loughborough University
- Integrable systems and Quantum Symmetries (ISQS-23) Conference (26/06/2015) Prague
- Representation Theory Seminar (16/04/2015) KdV Institute, University of Amsterdam

Teaching Experience

Teaching duties in the academic year 2017/2018: *Analytical Mechanics* • *Application of Symbolic Languages in Physics* • *Mathematical Methods in Physics 2* • *Statistical Physics*

Undergraduate and Masters courses taught at the University of Szeged since 2010:

Analytical Mechanics • *Application of Symbolic Languages in Physics* • *Group Theory in Physics* • *Linear Algebra for Physicists* • *Mathematical Methods in Physics 1 & 2* • *Selected Topics in Math. Phys.* • *Statistical Physics*

Honours & Awards & Fellowships

- 2017 Gyula Farkas Memorial Award, János Bolyai Mathematical Society, Hungary
- 2017 *50 Talented Young Hungarians*, La femme magazine, Hungary (<http://lafemme.hu/tehetseg>)
- 2016 *Junior Templeton Fellowship*, Hungarian Templeton Program (<http://templetonprogram.hu/en>)
- 2016 *List of Excellence* – Silver degree among PhD students, University of Szeged
- 2015 *3rd prize*, Scientific Competition, Hungarian Academy of Sciences
List of Excellence – Bronze degree among PhD students, University of Szeged
- 2013 *Excellent Student of Faculty*, Faculty of Science and Informatics, Uni. of Szeged
Special Award, XXXI. National Scientific Students' Associations Conference, Budapest, Hungary
- 2012 *1st prize*, Scientific Students' Associations Conference, Szeged, Hungary