

CURRICULUM VITAE

Dr. Gábor Somogyi

Born: 4 January 1979, Debrecen, Hungary
Citizenship: Hungarian
Marital status: married, father of two children (Gábor Zalán, 2008 and Abigél Lotti, 2012)

Professional address

MTA-DE Particle Physics Research Group
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Professional interests

Collider phenomenology with particular emphasis on perturbative quantum chromodynamics.

Employment

- 2014– senior research fellow, MTA-DE Particle Physics Research Group, University of Debrecen, Debrecen
- 2012–2013 fellow, PH Department, TH Unit, CERN, Geneva
- 2009–2011 postdoctoral researcher, Deutsches Elektronen-Synchrotron, DESY, Zeuthen
- 2007–2009 postdoctoral researcher, Institut für Theoretische Physik, Universität Zürich, Zürich
- 2006–2007 research assistant, Section of Theoretical Physics, Institute of Nuclear Research of the Hungarian Academy of Sciences, Debrecen
- 2006–2006 Marie Curie EST fellow, PH Department, TH Unit, CERN, Geneva
- 2003–2006 PhD student, University of Debrecen, Debrecen

Education

- 2007 PhD in physics, University of Debrecen

2003 MSc in physics, University of Debrecen

Schools attended

- 2009 Computer Algebra and Particle Physics 2009 (CAPP 2009), Zeuthen
- 2007 2. CERN–Fermilab Hadron Collider Physics Summer School, Geneva
- 2005 Les Houches Summer School, Session LXXXIV: Particle Physics Beyond the Standard Model, Les Houches

Teaching experience

- 2017– Physical mathematics, BSc level lectures and practicals (in English), University of Debrecen
- 2016– Quantum field theory, MSc/PhD level lectures (in Hungarian and English), University of Debrecen
- 2015– Methods of computing Feynman integrals, PhD level lectures (in Hungarian and English), University of Debrecen
- 2014– Physics for Scientists and Engineers I/II, BSc level practicals, University of Debrecen
- 2014 Subtraction method for QCD jet cross sections, LHCPHenoNet Summer School: NNLO Ante Portas, lecturer, Hajdúszoboszló, Hungary
- 2011 LHC Theory, DESY Summer Student Lectures, lecturer, DESY Zeuthen
- 2008 Special chapters in quantum field theory and model building beyond the standard model, PhD level practicals, Universität Zürich
- 2007 Effektive Field Theories, PhD level practicals, Universität Zürich
- 2005 Experimental Physics II, BSc level practicals, University of Debrecen

Students supervised

- 2016– Zoltán Tulipánt, supervisor, PhD in physics, University of Debrecen
- 2016 Zoltán Tulipánt, supervisor, MSc in physics, University of Debrecen
- 2016 Zoltán Tulipánt, supervisor, Scientific Students' Association thesis, University of Debrecen
- 2015 Ádám Nagy, supervisor, BSc in physics, University of Debrecen

Language skills

english	advanced oral and written (type C) State Language Examination Certificate (number: 52360), 1994
german	elementary oral (type A) State Language Examination Certificate (number: 738232), 2006 elementary written (type B) State Language Examination Certificate (number: 736042), 2006

Grants

2017–	participant COST Action CA16201 (PARTICLEFACE)
2017–	participant in the Hungarian Scientific Research Fund grant OTKA 125105
2014	Albert Szent-Györgyi Postdoctoral Reintegration Grant (A2-SZGYA-FOK-13-0004)
2007–2009	participant in the Swiss National Science Foundation (SNF) grant 200020-117602
2006–2010	participant in the Hungarian Scientific Research Fund grant OTKA 60432
2002–2005	participant in the Hungarian Scientific Research Fund grant OTKA 38240

Awards and scholarships

2016	the Károly Novobátsky Prize of the Eötvös Loránd Physical Society
2007	Youth prize of the Institute of Nuclear Research of the Hungarian Academy of Sciences
2006	Marie Curie Fellowship for Early Stage Research Training
2003	Commemorative Medal of the Faculty of Science of the University of Debrecen
2002–2003	Scholarship of the Republic
2001–2002	Scholarship of the Republic
1998–1999	Scholarship of the Prime Minister
1998	Bronze medal at the XXIX. International Physics Olympiad, Reykjavík, Iceland

Other professional activities

- Convener for the “Hard QCD and MC” working group at QCD@LHC 2013
- Member of the local organizing committee for QCD@LHC 2017
- Member of the Council of the Eötvös Loránd Physical Society

- Member of the Scientific Committee on Particle Physics of the Hungarian Academy of Sciences
- Member of the Management Committee and leader of WG5 of COST Action CA16201 (PARTICLEFACE)
- referee for the Journal of High Energy Physics (JHEP)
- 16 talks at international conferences, workshops