

# Curriculum vitae for Máté Csanád

**Date and place of birth:** Budapest, 1980.  
**Citizenship:** Hungary  
**Position:** Associate Professor, Department of Atomic Physics, Eötvös University  
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## Education:

Eötvös Loránd University Budapest, PhD student, particle- and astrophysics (2004-2007)  
State University of New York at Stony Brook, visiting PhD student (2005-2006)  
Eötvös Loránd University Budapest, major of physics and german special translator (1999-2004)  
Leopold Franzens Universität, Innsbruck, Austria, major of physics (1998-1999)

## PhD Thesis (Eötvös University, supervisor: Tamás Csörgö)

Experimental and Theoretical Investigation of Heavy Ion Collisions at RHIC (2007, “summa cum laude”)

## Habilitation (Eötvös University)

Time evolution of high energy heavy ion collisions (2013)

## Fellowships and honours:

New National Excellence Programme Scholarship, 2017-2018  
Bolyai scholarship of the Hungarian Academy of Sciences, 2016-2019  
Vladimir N. Gribov Diploma by G. 't Hooft and A. Zichichi, at the ISSP, Erice, 2005 & 2016  
HAESF Senior Leaders and Scholars Fellowship, 2015/2016  
Giulio Racah Diploma by G. 't Hooft and A. Zichichi, at the ISSP, Erice, 2013  
Seymour J. Lindenbaum Diploma by G. 't Hooft and A. Zichichi, at the ISSP, Erice, 2011  
Bolyai scholarship of the Hungarian Academy of Sciences, 2009-2012 (final evaluation: outstanding)  
Participation grant at the 58th Meeting of Nobel Laureates at Lindau, 2008  
Paul A. M. Dirac Diploma by G. 't Hooft and A. Zichichi, at the ISSP, Erice, 2006  
Fulbright Postgraduate Scholarship, 2005/2006  
Excellent Student of the Faculty, Eötvös Lóránd University, 2003/2004  
Scholarship of the Hungarian Republic, 2003/2004

## Professional experience:

2015- Associate Professor (docens), Eötvös University, Budapest  
2015-2016 Visiting researcher, Stony Brook University, NY, USA (8 months)  
2010-14 Assistant Professor (adjunktus), Eötvös University, Budapest  
2007-10 Lecturer (tanársegéd), Eötvös University, Budapest  
2008-09 Visiting researcher, CERN, Switzerland (6 months)  
2006 Visiting researcher, Stony Brook University, NY, USA (5 months)  
2005 Visiting researcher, Brookhaven National Laboratory, NY, USA (10 months)

## Research statistics:

Papers: 208 (173 peer-reviewed, 50 with <5 authors,  $\Sigma$ IF: 752)  
Citations: 16386 (11446 independent, 470 to the ones with <5 authors)  
International conferences: 51 talks (20 invited), 14 posters

## Research subjects:

High energy physics (2003- ) *Phenomenological models of heavy ion physics, hydrodynamics*  
PHENIX Coll. (2003- ) *femtoscopy, elliptic flow, ultra peripheral collisions, Zero Degree Calorimeter*  
TOTEM Coll. (2008- ) *Data monitoring software, pseudorapidity density & p+A collisions*  
CMS Coll. (2016- ) *femtoscopy, Zero Degree Calorimeter*

## Teaching, supervision:

Courses for physicists: *Differential equations, Atomic physics, Nuclear physics, Heavy ion physics, Various lab courses*  
for environmental scientists: *Informatics, Physics introduction, Environmental radiations, Various lab courses*  
Undergraduate theses: *9 Physics BSc, 5 Physics MSc, 5 Environmental Sciences BSc*  
PhD theses: *3 Particle Physics PhD's (2 ongoing)*

## Memberships, services to the community:

2017 BGL conference, scientific secretary  
2016 Low-x Meeting, scientific secretary  
2014 Workshop on Particle Correlations and Femtoscopy, scientific secretary  
2012- Council of the Environmental Sciences Center (Eötvös University), member  
2011- Educational Commission, Physics Institute (Eötvös University), member  
2010- Zimányi School on Heavy Ion Physics, chair  
2008- Hungarian Fulbright Association, management board member  
2007- Public Body of the Hungarian Academy of Sciences, member

## Language and computer skills:

Hungarian (mother tongue), German (fluent), English (fluent), French (beginner)  
Unix and Windows user, Mathematica, shell scripts, C/C++, perl, tcl, sql, web-design (html, css, php, js)

## Interests, hobbies:

Sports (ski, soccer, volleyball, bicycling, water polo), contract bridge, audiovisual techniques