

Curriculum vitae

Name: CSANÁD, Máté
Date and place of birth: Budapest, 1980.
Nationality: Hungarian
Status: Assistant Professor, Eötvös University, Department of Atomic Physics
Address:
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University studies:

Leopold Franzens Universität, Innsbruck, Austria, major of physics (1998-1999)
Eötvös Loránd University Budapest, major of german special translator (1999-2002)
Eötvös Loránd University Budapest, major of physics (1999-2004)
Eötvös Loránd University Budapest, PhD student, particle- and astrophysics (2004-2007)
State University of New York at Stony Brook, visiting PhD student (2005-2006)

PhD Thesis (Filed: June 2007; Defended: October 2007), „summa cum laude”

Experimental and Theoretical Investigation of Heavy Ion Collisions at RHIC

Fellowships and honours:

Scholarship of the Hungarian Republic, 2003/2004
Excellent Student of the Faculty, Eötvös Lóránd University, 2003/2004
Vladimir N. Gribov Diploma by G. 't Hooft and A. Zichichi, at the
International School of Subnuclear Physics, Erice, August 29 - September 7, 2005
Paul A. M. Dirac Diploma by G. 't Hooft and A. Zichichi, at the
International School of Subnuclear Physics, Erice, August 29 - September 7, 2006
Fulbright Postgraduate Scholarship, 2005/2006
Participation in the 58th Meeting of Nobel Laureates at Lindau, 2008
Bólyai scholarship of the Hungarian Academy of Sciences, 2009-2012

Research trips (longer than 3 months):

1998 University of Innsbruck (10 months)
2005 Brookhaven National Laboratory (10 months)
2006 Stony Brook University (5 months)
2008 CERN (6 months)

University teaching experience:

Physics BSc courses:

Differential equations, Atomic physics, Nuclear physics, Heavy ion physics, Various lab courses

Environmental Science BSc courses:

Informatics, Physics, Environmental radiations, Various lab courses

Research statistics:

Papers: 95 (79 peer-reviewed)
Citations: 4028 (3354 independent)
Conference talks: 33 (10 invited, 5 posters)

Research subjects:

High energy heavy ion physics (since 2002)

Buda-Lund hydrodynamical model, developing and data fitting,

Analysis of particle spectra, correlations and flow measured in Au+Au and p+p collisions

Development and analysis of analytic hydrodynamical models, software project management

Member of the PHENIX Collaboration (since 2002)

Two and three-particle correlations analysis,

Working with the PHENIX Zero Degree Calorimeter

Analysis of ultra-peripheral collisions, software project management

Member of the TOTEM Collaboration (since 2008)

Development of online monitoring software

Computer skills:

Unix, Windows and office applications user knowledge

Programming: shell, C/C++, perl, tcl, sql databases, web-design (html, css, php, js)

Language skills:

Hungarian (mother tongue), German (fluent), English (fluent), French (beginner)

Interests, hobbies:

Sports (ski, soccer, aikido, swimming, bicycling, water polo), scouting

Theater, movies, literature, audiovisual techniques, photography, film-making