

Curriculum Vitae

Márton NAGY

30th October 2016

Personal:

Name: Márton NAGY

Nationality: Hungarian

Family: Married, two sons (Kristóf: 2013, Mihály: 2016)

Date and Place of Birth: 7th December 1983, Budapest, Hungary

Degree: PhD (2013)

Mailing address: H-2120 Dunakeszi, Diofa utca 1.

Work address: H-1117 Budapest, Pázmány Péter sétány 1/A

Tel: +36-30-299-2033, email: nmarci@elte.hu

Education:

2002-2007: undergraduate student, Eötvös Loránd University, Budapest

20th June 2007: physicist diploma

2007-2011: PhD student, Eötvös Loránd University, Doctoral School,

Particle Physics and Astronomy program

PhD: 21th March 2013 (ELTE P-3960/2013, summa cum laude).

Dissertation title:

"Exact solutions of hydrodynamics and their applications in heavy-ion physics"

Language skills: Hungarian (mother tongue), English (fluent), German (basic)

Computer skills: user-level Windows, Unix. Programming: C/C++, Shell, Perl...

Employment:

MTA KFKI RMKI (now MTA Wigner RCP) 2007-2011: junior research fellow

Eötvös University, Dept. of Atomic Physics, 2011-2014: assistant lecturer

Eötvös University, Dept. of Atomic Physics, 2014-present: assistant professor

Scientific interest:

High energy heavy ion physics, experiment & theory

Theory topics: *relativistic and non-relativistic hydrodynamics, analytic model building, phenomenological applications*

Experiment: member of the PHENIX collaboration (BNL, USA) since 2007

Participation in data taking and data analysis: 7 times 1 month stay at BNL since 2007

Topics: *Quantum-optical correlations of identified particles, spectrum measurements of identified particles*

Awards, fellowships, honors:

Fulbright Research Grant: 2016, 6 months (Stony Brook University, NY, USA & BNL, USA)

Paul Erdős Young Researcher Fellowship (National Excellence Program): Mar-Aug 2014

Hungarian Academy of Sciences, Youth Prize: 2010

Excellent Student of Faculty prize: 2007

Fellowship of the Republic of Hungary: 2005-2006, 2006-2007

Ortvay Contest in Physics: 1st prize: 2003, 2004

Teaching activities:

Eötvös Loránd University, Physics BSc and MSc:

Detector systems in Particle and Nuclear Physics (2011-present)

Classical electrodynamics: practice course (2012-present)

Atomic and Quantum Physics: practice course (2012-present)

Nuclear Physics: practice course (2012-present)

Advanced Investigation Methods: laboratory course (2012-present)

Eötvös Loránd University, Environmental sciences BSc:

Environmental Physics Laboratory Course (2011-present)

Eötvös Loránd University, student supervision:

Environmental Sciences BSc: 1 student finished (2013)

Physics BSc: 4 student finished (2014, 2015)

Publications:

Peer-reviewed publications: 71, 13 of them few-author papers

Citations of non-collaboration papers: 166

Citations of collaboration papers: 3099

Invited conference talks: 6

(Details in separate list)