

MICHAL P. HELLER

GENERAL INFORMATION

born: 1984
e-mail: michal.p.heller@aei.mpg.de
marital status: *married*
group webpage: aei.mpg.de/GQFI

HIGHLIGHTS

- Alexander von Humboldt Foundation *Sofja Kovalevskaja Award* laureate.
- 10 articles in *Physical Review Letters*, 2 highlighted with *Editors' suggestion*.
- > 1200 citations and $h \geq 20$ according to the Inspire HEP and Google Scholar.
- 2 articles cited > 100 times and 8 other articles cited > 50 times.
- > 100 scientific talks, colloquia and invited lecture series.
- Organizer of 11 conferences and workshops.
- Securing > 1,880,000 € of funding as a PI in Germany, Netherlands & Poland.

RESEARCH INTERESTS

Theoretical Physics: holography, entanglement in quantum field theory and gravity, non-equilibrium physics of gauge theories, foundational aspects of relativistic fluid mechanics, various aspects of black hole physics, numerical relativity in anti-de Sitter spacetimes.

EMPLOYMENT HISTORY

Group Leader (22 December 2016 - present)

Max Planck Institute for Gravitational Physics (Albert Einstein Institute)
Am Mühlenberg 1, 14476 Potsdam-Golm, Germany

Head of the independent research group on *Gravity, Quantum Fields and Information*.

Interdisciplinary Postdoctoral Fellow (2014 - 2016)

Perimeter Institute for Theoretical Physics
31 Caroline Street North Waterloo, ON N2L 2Y5, Canada

Postdoctoral Fellow (2010 - 2014)

Institute of Physics, University of Amsterdam
Science Park 904, 1090 GL Amsterdam, Netherlands

Research Associate (2010-present)

National Centre for Nuclear Research
ul. Hoża 69, 00-681 Warsaw, Poland

EDUCATION AND ACADEMIC DEGREES

Habilitation (2017)

National Centre for Nuclear Research, Warsaw, Poland
Based on the publication series: “Quantum fields out of equilibrium:
a holographic approach”

Habilitation awarded on 14 March 2017.

Undergraduate (2003-2007) and Ph.D. Student (2007-2010)

Jagiellonian University, Cracow, Poland
Ph.D. Thesis: “Various aspects of non-perturbative
dynamics of gauge theory and AdS/CFT correspondence”
Advisor: Romuald A. Janik
Summa cum laude

Ph.D. awarded on 30 September 2010.