

## Dr Evgueni Goudzovski MSc, PhD

Reader  
Birmingham Fellow

### Contact details

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### About

Dr Evgueni Goudzovski is reader in particle physics, Royal Society research fellow and Birmingham fellow. He is currently working on the NA62 experiment at CERN devoted to searches for phenomena beyond the Standard Model of particle physics with rare kaon decays. He has been physics analysis coordinator, data taking coordinator and working group convener of several major kaon experiments at CERN.

For more detailed information, please see Evgueni's [school web-page \(http://epweb2.ph.bham.ac.uk/user/goudzovski\)](http://epweb2.ph.bham.ac.uk/user/goudzovski).

### Qualifications

- PhD in Particle Physics, Joint Institute for Nuclear Research (Dubna), 2006
- MSc in General and Applied Physics, Moscow Institute of Physics and Technology, 2002
- BSc in General and Applied Physics, Moscow Institute of Physics and Technology, 2000

### Biography

Dr Goudzovski obtained his BSc degree in 2000 and MSc degree in 2002, working on antihyperon production at the Excharm experiment at IHEP Protvino. In 2002, he became a member of the NA48 collaboration at CERN, and has been involved into CERN kaon physics experimental programme since then. His PhD thesis (2006) was devoted to precision searches for direct CP violation in charged kaon decays.

In 2006-2008 he worked as a post-doctoral researcher at Scuola Normale Superiore and INFN in Pisa, Italy. He came to Birmingham in 2008 as a research fellow, joining the Birmingham NA62 research group.

After a brief period as a project associate at CERN in 2010, he returned to Birmingham as a Marie Curie research fellow in 2011, and was appointed Royal Society Research fellow and Birmingham fellow in 2012. He became the principal investigator on an ERC starting grant and reader in particle physics in 2014.

### Teaching

#### Teaching Programmes

- Y2 lecture Course on neutrino physics
- Y4 and summer project supervision

### Postgraduate supervision

Currently supervising PhD students working on the NA62 experiment at CERN.

### Research

#### RESEARCH THEMES

- Kaon physics: precision tests of the Standard Model in rare processes, CP violation

#### RESEARCH ACTIVITY

- NA62 experiment at CERN
- NA48/2 experiment at CERN

### Other activities

- Editorial board member, CERN NA62 experiment (2010-present)
- Physics analysis coordinator, CERN NA62 experiment (2006-present)
- Data taking coordinator, CERN NA48/2 experiment (2003-2004)

### Publications

