

Eugeny Babichev

APC Paris

Academic Background

- ◆2003 PhD in Physics, Moscow Institute of Physics and Technology and Lebedev Institute
- ◆2004-2006 postdoc, MPI, Munich, Germany
- ◆2006-2007 postdoc, INFN, Italy
- ◆2007-until present, UniverseNet postdoc at APC Paris

Research Interests

- ◆Modified Gravity, Topological defects, Dark Energy, Black hole physics

Collaborators

- ◆C. Deffayet, R. Ziour (APC Paris)
- ◆P. Brax, C. Caprini (CEA/Saclay), J. Martin (IAP Paris), D. Steer (APC Paris)
- ◆D. Langlois (APC Paris)
- ◆V. Dokuchaev, Yu. Eroshenko (INR Moscow)
- ◆V. Mukhanov (LMU Munich), A. Vikman (NYU)

Publications

- ▶“Dirac Born Infeld (DBI) Cosmic Strings.” E.B., P. Brax, C. Caprini, J. Martin, D. Steer, *arXiv:0809.2013* [hep-th]
- ▶“Perfect fluid around black holes and naked singularities.” E.B., S. Chernov, V. Dokuchaev, Yu. Eroshenko, *arXiv:0806.0916* [gr-qc]
- ▶“Ultra-hard fluid and scalar field in the Kerr-Newman metric.” E.B., S. Chernov, V. Dokuchaev, Yu. Eroshenko, *arXiv:0807.0449* [gr-qc]
- ▶“Spherically symmetric solutions in massive gravity and the Goldstone picture”, E.B., C. Deffayet, R. Ziour, in preparation