

Curriculum Vitae

Georg Knebel

Univ. Grenoble Alpes, INAC, PHELIQS
CEA Grenoble, INAC, SPSMS
17 rue des Martyrs, 38054 Grenoble
+33 4 38 78 39 51
georg.knebel@cea.fr

born, January 1st 1967, civil union, three children
German nationality

Education and degrees

- 2012 HDR University Joseph Fourier, Grenoble
Interplay between magnetic order and superconductivity in heavy fermion systems
- 1999 PhD in Physics, University of Augsburg, Germany
Groundstate properties of strongly correlated Cerium compounds with $ThCr_2Si_2$ structure, supervisor Prof. A. Loidl
- 1994 Diplom in Physics, Technical University Darmstadt, Germany
AC conductivity of $La_2CuO_{4+\delta}$ single crystals, supervisor Prof. A. Loidl
- 1986 Abitur, Staatliches Herzog Johann Gymnasium Simmern, Germany

Employment

- since 2002 CEA Researcher, INAC / SPSMS
- 2000-2002 Post-doctoral fellow, DRFMC / SPSMS, CEA Grenoble, Marie Curie fellowship, 24 months
- 1999-2000 Post-doctoral fellow, DRFMC / SPSMS, CEA Grenoble, ESF, Program *Fermi liquid instabilities in correlated metals*, 6 months
- 1996-1999 Research assistant, University of Augsburg
- 1994-1996 Research assistant, Technical University Darmstadt

Professional service

Reviewer among others for e.g. Nature Physics, Phys. Rev. Lett., Phys. Rev. B, New J. Phys, J. Phys.: Condens. Matter, EPJB, J. Phys. Soc. Jpn.
DFG (Germany), DOE (US), FOM (The Netherlands), National Science Centre (Poland)

Conference organisation

- 2014 *International Conference on Strongly Correlated Electrons*, Grenoble (General Secretary)

- 2012 *Japanese–French Workshop on Strongly Correlated Electronic Systems*, with J. Flouquet, H. Mutka, and D. Aoki
- 2011 *Les défis de la supraconductivité, Séminaire Daniel Dautreppe*, Grenoble with P. Rodière, C. Lacroix, K. Hasselbach, and M.-H. Julien
- 2010 *On the Heavy Fermion Road* International Workshop, ESPCI Paris, with J.-P. Brison and K. Behnia

Conference committee

International Advisory committee LT28 2017, Gothenburg
 International Advisory committee SCES 2017, Prag
 International Conference on Heavy Electrons and Novel Quantum Phases 2017, Dresden
 International Advisory committee SCES 2016, Hangzhou
 Program committee ICM 2015, Barcelona
 International Advisory committee Tokimeki 2011 (Osaka University)
 International Conference on Heavy Electrons and Novel Quantum Phases 2012, Dresden

Student supervision

CEA co-responsible for Phd students (G. Bastien, T. Combier, M. Boukahil, E. Hassinger, J. Derr, R. Boursier)
 8 Master/Bachelor students

Fundings

Co-investigator

- 2016-2017 Alpes Grenoble Innovation Recherche, Programme Exploratoire Premier Soutien, PI: G. Knebel
- 2011-2014 ANR PRINCESS, *Pressure instrumentation for novel correlated systems studies*, PI: D. Braithwaite, INAC Grenoble
- 2007-2010 ANR NEMSICOM, *New electronic and magnetic states in condensed matter*, PI: C. Berthier LNCMI Grenoble
- 2007-2011 ANR CORMAT, *Correlated Materials*, PI: D. Aoki
- 2009 Fonds France-Canada pour la Recherche, PI: S.R. Julian, Toronto University, G. Knebel
- 2007-2010 ANR ECCE, *Extreme conditions correlated electrons*, PI: D. Braithwaite, INAC Grenoble
- 2004 IMPC Grenoble, *Supraconductivité à proximité d'une instabilité magnétique*, PI: P. Rodière, G. Knebel

Publications

127 Publications (h-index 27)
 see <http://www.researcherid.com/rid/A-3294-2012>

Grenoble November 9, 2016