



Karlsruhe School of Elementary Particle and Astroparticle Physics: Science and Technology (KSETA)

KSETA is the graduate school associated with the KIT Center Elementary Particle and Astroparticle Physics KCETA, which bundles experimental and theoretical research and education at the interface between astronomy, astrophysics, elementary particle physics and cosmology.

We hereby certify that the doctoral researcher

Simon Kast

has attended the following courses during his/her time in the graduate school KSETA.

Scientific writing

May 24 – 31 2017 William Uber Personalentwicklung und Berufliche Ausbildung KIT

Solid State Physics for Elementary Particle Physicists

Mar 20 – 21 2017 Wulf Wulfhchel

Doctoral workshop 2017

July 10 – 12 2017 Simon Kast

Axionic and WISPy Cold Dark Matter

Apr 06 – 07 2017 Joerg Jaeckel (Uni Heidelberg)

Introduction to statistical methods in particle and astroparticle physics

Apr 05 – 07 2017 Thomas Schwetz-Mangold

Introduction to string theory

Sep 21 + 22 2016 Dr. Timo Weigand (Uni Heidelberg)

Scientific programming with Mathematica

Sep 15 + 16 2016 Dr. Thomas Hahn (MPI Munich)

Physik jenseits des Standardmodells

Oct 01 – Dec 31 2016 Prof. Ulrich Nierste

New Physics on Trial at LHC Run II

Jul 24 - Aug 5 2016 MITP Summer School

Slavnov-Taylor-Identities and SUSY breaking in Dimensional Reduction

Apr 7 - 8 2016 Prof. Dominik Stoeckinger

Introduction to Flavour Physics

Apr 18 - Jul 17 2016 Prof. U. Nierste

Introduction to neutrino physics

Apr 14+15 2016 Prof. Michael Wurm

The Philosophy of Physics

Apr 04+05 2016 PD Dr. Dr. Norman Sieroka

Effective Field Theory

Oct 12 – 13 2015 Prof. Dr. Thomas Becher

Introduction to flavour physics

Mar 26 + 27 2015 Prof. Ulrich Nierste



Karlsruhe School of Elementary Particle and Astroparticle Physics: Science and Technology (KSETA)

Astroparticle physics: 13 billion years of evolution reviewed in a one-day-course

Mar 25 2015 Dr. Klaus Eitel, Dr. Markus Roth, Dr. Kathrin Valerius

Scientific writing – A quick-start guide

Mar 20 2015 Dr. Sebastian Fischer

Instantons and Supersymmetry

Jun 23 – Jul 10 2015 Prof. Dr. Arkady Vainshtein (University of Minnesota, Minneapolis, USA)

KSETA-Doktorandenworkshop

Jul 6 – 8 2015 R. Derco, R. Podskubka, S. Richter, Mrs. C. Assmus, Mr. Ritter

Karlsruhe, November 22, 2017

Dr. Irmgard Langbein
Managing Director