

KSETA Inauguration symposium

February, 1st 2013, Aula KIT Campus Nord

KSETA Colloquium

10:00 – 10:15	Welcome	Prof. Dr. Ulrich Nierste
10:15 – 12:30 Presentation of KSETA research topics		
10:15	Direct Search for Dark Matter	Benjamin Schmidt
10:30	The CMS Phase II Tracker Upgrade	Robert Eber
10:45	Vacuum stability in the Standard Model and the three-loop beta-function for the Higgs self-interaction	Max Zoller
11:00	Parton shower for vector boson fusion processes at NLO	Franziska Schissler
11:15	Accurate determination of the gas composition of the KATRIN tritium source using laser Raman spectroscopy	Simone Rupp
11:30	Ultra-fast and sensitive detection of pulsed and continuous THz waves	Juliane Raasch
11:45	Electronics for radio detection of cosmic rays	Christoph Rühle
12:00	OFDM Signal Processing for High Speed Optical Communication Systems	Joachim Meyer
12:15	A framework for the deployment of data-intensive scientific workflows on multi-cloud environments	Foued Jrad

12:30 – 14:00 Lunch

KSETA Inauguration symposium

14:05 – 14:20	Welcome address of KIT Vice-president	Prof. Dr.-Ing. Detlef Löhe
14:20 – 14:50	Presentation of the Graduate School KSETA: Quarks, Cosmos and Technology	Prof. Dr. Johannes Blümer
14:50 – 15:20	Dedication of the Julius Wess Award Laudatio	Prof. Dr.-Ing. Detlef Löhe Prof. Dr. Thomas Müller
15:20 – 16:20	Lecture by the awardees "The LHC Road Map for the Discovery of the Higgs and Beyond"	Prof. Dr. Michel della Negra Prof. Dr. Peter Jenni
16:20 – 16:35	Coffee break	
16:35 – 16:55	Dedication of the honorary doctorate Laudatio	Prof. Dr. Dieter Zeppenfeld Prof. Dr. Johannes Blümer
16:55 – 17:40	Lecture by the honorary doctor Cosmic Rays: A Second Career	Prof. Dr. Dr. h. c. James W. Cronin
18:00	Reception	

Music: Trio Mikado

Abends: Jeanny's Party Band