

Annual Workshop of the Kepler-Kolleg: Particles, Fields and Messengers of the Universe

(September 30 – October 2, 2013, Kloster Heiligkreuztal)

WORKSHOP PROGRAM

(OT)= Overview and Introductory talks, (ST) Short contributions; 45 min and 25 min (including 5 min discussion)

Monday, September 30th

	Arrival	
12:30 – 13:30	Lunch / Coffee/Room Check in	
13:30 – 13:45	Josef Jochum	Welcome – Rules of the Game
Chair:		
13:45 – 14:30	Update on ABC Effect	OT – Elena Perez
14:30 – 15:15	The new GERDA result on neutrinoless double beta decay	OT-Christopher Schmitt
15:15 – 15:40	HEROICA, a test facility for the characterization of BEGe detectors for the Gerda experiment	ST-Raphael Falkenstein
15:40 – 15:45	<i>questions / discussions students only</i>	
15:45 - 16:15	Coffee Break	
Chair:		
16:15 – 16:40	Pulse Shape analysis in Ge Detectors	ST-Alexander Hegai
16:40 – 17:05	The effective potential of the order parameter of confinement"	ST – Jan Heffner
17:05 – 17:30	Yang-Mills Theory in Coulomb gauge on the lattice	ST – Hannes Vogt
17:30 – 17:55	Progress report on MCP detector electronics	ST – Marc Pfeiffer
17:55 – 18:20	Recent Projects at Rosenau	ST- Sebastian Diebold
18:20 – 18:30	<i>questions / discussions students only</i>	
18:30	Dinner	

19:30 – 20:30	Prof.Dr.Ulrich Platt	GeoEngineering
----------------------	-----------------------------	-----------------------

Tuesday, October 1th

	Breakfast	
Chair:		
8:30 – 9:15	Introduction to pQCD and Collider Physics	OT- Felix Ringer
9:15 – 9:40	The structure of hadrons: an overview of semi-Inclusive hadron production processes	ST- Daniele Anderle
9:40 – 10:05	Threshold resummation for dihadron production	ST- Patriz Hinderer
10:05 – 10:15	<i>questions / discussions students only</i>	
10:15 – 10:45	Coffee Break	
Chair:		
10:45 – 11:30	CRESST and Scintillators	OT - Martin Uffinger
11:30 – 11:55	TES Production	ST – Jurek Loebell
11:55 – 12:20	Pyroelectric Accelerator	ST - Eduard Fricke
12:20 – 12:30	<i>questions / discussions students only</i>	
12:30 – 13:30	Lunch / Coffee	
13:30 – 16:15	FREI / WANDERUNG / TOUR DISKUSSION	
16:15 – 16:45	Coffee Break	
Chair:		
16:45 – 17:30	JEM-EUSO	OT-Thomas Mernik, Jörg Bayer
17:30 – 17:55	Classification of x-ray sources of Draco dwarf galaxy	ST-Sara Saredi
17:55 – 18:20	Supernova Remnant and Superbubble – A Comparison	ST-Gabriele Warth
18:20 – 18:30	<i>questions / discussions students only</i>	
18:30	Dinner	
19:30 – 20:30	Prof. Dr. Lothar Oberauer	Study the Interior of the Sun with Neutrinos

Wednesday, October 2th

	Breakfast	
Chair:		
8:30 – 8:55	Wechselwirkungen Planeten mit protoplanetaren Scheiben	ST-Christoph Dürmann
8:55 – 9:20	WK	ST-Moritz Stoll
9:20 – 10:05	ALICE	OT – Benjamin Heß
10:05 – 10:15	<i>questions / discussions students only</i>	
10:15 – 10:45	Coffee Break	
Chair:		
10:45 – 11:10	CBM Physics	ST – Anton
11:10 – 11:35	CBM CO2 set up	ST- Evgeny Lavrik
11:35 – 11:45	<i>questions / discussions students only</i>	
11:45 – 12:30	Votes, Prizes, Farewell	
12:30 – 13:30	Lunch / Coffee	

END