

Meeting and Workshop „HAP Topic 4 Advanced Technology“				
07 Jan 2013, M. Kleifges, Template Agenda				
Thursday, January 24th 2013, KIT Campus Nord, FTU, Room 157				
Start	End	Min	Topic / Title	Speaker
12:00	13:00	1:00	Lunch	
13:00	13:10	0:10	Welcome	M. Weber (KIT)
13:10	13:25	0:15	Organisation remarks and introduction	Kleifges / Buchwald (KIT)
13:25	13:50	0:25	"Towards a R&D station for large area detectors in harsh environments"	T. Karg (DESY)
13:50	14:15	0:25	"Ultra-Fast DAQ System for Coherent Synchrotron Radiation Based on Superconducting THz Detectors"	M. Caselle (KIT)
14:15	14:40	0:25	"Fast Sampling of the LXe Scintillation Pulseshape for Application in Direct Dark Matter Searches"	Oberlack/ Beskers (JGU)
14:40	15:05	0:25	"Applications and future of Switched Capacitor Arrays (SCA) for ultrafast waveform digitizing"	S. Ritt (PSI)
15:05	15:30	0:25	Coffee Break	
15:30	15:55	0:25	"Large-area photosensors for neutrino detection using wavelength shifters".	S. Böser (U Bonn)
15:55	16:20	0:25	"Single photon detectors for laser spectroscopy experiments with highly charged ions"	V. Hannen (Münster)
16:20	16:45	0:25	"Developments in PMTs for advanced Fluorescence Telescopes"	S. Querschfeld (U Wuppertal)
16:45	17:15	0:30	Coffee Break	
17:15	18:45	1:30	Parallel Workshops on specific topics, see below, Rooms to be announced	
18:45	19:15	0:30	Transfer to hotels in Karlsruhe	
20:00			Dinner in Karlsruhe	
Friday, January, 25th 2013, KIT Campus Nord, FTU, Room 157				
Start	End	Min	Topic	
8:30	9:00	0:30	Transfer from hotels in Karlsruhe	
9:00	9:25	0:25	"High precision clock distribution in modern astroparticle exper. - WhiteRabbit as an emerging standard"	R. Wischnewski (DESY)
9:25	9:50	0:25	"Challenges of JEM-EUSO" ?	Haungs (KIT)/Santangelo (Tüb)
9:50	10:15	0:25	"The HiSCORE-Detector"	R. Nachtigall (U Hamburg)
10:15	10:45	0:30	Coffee Break	
10:45	11:15	0:30	Reports from Workshop sessions (3x 0:10)	
11:15	11:40	0:25	"New method of air shower observations with CROME" ?	R.Smida (KIT)
11:40	12:05	0:25	"Trigger, Data handling, event building"	D.Tcherniakhovski (KIT)
12:05	13:00	0:55	Lunch	
13:00	13:30	0:30	Discussion on future + next reports	
13:30	14:00	0:30	Transfer to Karlsruhe	
Specific topic 1			"Digitizing analog signals at high sampling rate and bandwidth"	M. Kleifges
Specific topic 2			"Photosensors: new developments and applications"	Rautenberg
Specific topic 3			"Precision clock distribution for next generation Astroparticle Experiments"	Wischnewski