

# Industry meets Academia: Beam Monitoring Instrumentation and Quality Assurance

**Thursday 10 November 2011**

**Registration & Set-up - (10:00-12:15)**

**Welcome Snack (11:00-12:15)**

**Particle Beam Monitoring & Therapy - KBW.1.017 (12:15-14:30)**

**Address of Welcome and Particle Therapy**

time	title	presenter
12:15	Address of Welcome (00h15')	Dr. EICKHOFF, Hartmut
12:30	Particle therapy beam diagnostics. Risks and rewards for industry. (00h30')	Dr. GORDON, John
13:00	Detectors for Regular Beam Tuning and Daily Quality Assurance at the HIT Facility (00h30')	Dr. PETERS, Andreas
13:30	Gaseous detectors for the Siemens IONTRIS medical application (00h30')	Dr. BRÄUER, Martin
14:00	Beam monitoring in an industrial particle therapy system (00h30')	Dr. BERTRAND, Damien

**Coffee Break & Networking - KBW.1.017 (14:30-15:00)**

**Laser-Accelerated Particle Beams, Pixel Detectors, Transmission Chambers - KBW.1.017 (15:00-17:00)**

time	title	presenter
15:00	Detection of Laser-accelerated ions at the DRACO laser (00h20')	Dr. KRAFT, Stephan
15:20	Dosimetry of laser-accelerated particle beams used for cell irradiation experiments (00h20')	Dr. PAWELKE, Jörg
15:40	Pixel detectors for laser accelerated proton beams (00h20')	Ms. REINHARDT, Sabine
16:00	Beam Profilometry with Crystalline Silicon Detectors (00h30')	Prof. CACCIA, Massimo
16:30	Introducing PTW-Freiburg (00h30')	Dr. WÜRFEL, Jan

**Coffee Break & Networking - KBW.1.017 (17:00-17:30)**

**Beam Monitoring and Technology Transfer - KBW.1.017 (17:30-18:30)**

time	title	presenter
17:30	Proposal for a common web portal for beam instrumentation (00h30')	Mr. GRAS, Jean-Jacques
18:00	Achieving valorization success (00h30')	Prof. HEYDEBRECK, Peter

**Fingerfood Networking Dinner - KBW entire ground floor (18:30-22:00)**

## Friday 11 November 2011

### **Beam Monitoring in Accelerator Facilities - KBW.1.017 (09:00-10:30)**

time	title	presenter
09:00	Beam Diagnostics makes FAIR play (00h30')	Dr. SCHWICKERT, Marcus
09:30	NTG-Beam Diagnostics and Special Topics (00h30')	Dr. STREHL, Peter Dr. BECHTHOLD, Alexander
10:00	Photon Diagnostics at the Free Electron Laser FLASH (00h30')	Dr. MAHNS, Ilka

### **Coffee Break & Networking - KBW.1.017 (10:30-11:00)**

### **Diamond Detectors in Beam Monitoring - KBW.1.017 (11:00-12:00)**

time	title	presenter
11:00	Diamond Detectors in Beam Monitoring (00h30')	Dr. DEHNING, Bernd
11:30	CVD-Diamond for accelerator beam diagnosis applications (00h15')	Mrs. BERDERMANN, Eleni
11:45	Performance of diamond detectors used for timing applications in HADES (00h15')	Dr. PIETRASZKO, Jerzy

### **Coffee Break & Small Snack & Networking - KBW.1.017 (12:00-12:30)**

### **Neutrons & Neutrinos - KBW.1.017 (12:30-14:00)**

time	title	presenter
12:30	Monitoring a very low current and wide beam at KATRIN (00h30')	Dr. RENSCHLER, Pascal
13:00	CDT: 10Boron based neutron detectors as technological alternative to 3He based neutron detectors that suffer the severe crisis in supply of 3He (00h30')	Dr. KLEIN, Martin
13:30	The low energy neutron beam as a tool for QA-QC of particle detectors (00h30')	Prof. GAZIS, Evangelos

### **Fingerfood Networking Lunch - KBW.1.017 (14:00-15:30)**