HadronPhysics2 I3HP/FP7   Kick-off Meeting   (6 Feb. 09 H.O. & D.R.)

Avalanche Micro-Pixel Photo-Diodes for Frontier Detector Systems

GSI, 9-10 Feb. 2009, Seminar room C27

Program

Monday morning   9:30-12:30

Welcome, Klaus Peters, GSI

The FAIR accelerator complex, Lars Schmitt, GSI

HadronPhysics2 Project, Overview of the JRA on G-APDs, Herbert Orth, GSI

The Geiger-mode Avalanche Photo detector, Dieter Renker, PSI,

Photonique sensors, David McNally, Photonique SA, Meyrin

Zecotek sensors, Ziraddin Sadygov, JINR Dubna/IP Baku

Front-end electronics for the GAPD, Stefan Ritt, PSI

SiPM technology at FBK, Claudio Piemonte, FBK Trento

ST-Microelectronics sensors, NN

12:30 – 14:00 Lunch

Monday afternoon   (14:00-1600)

Cherenkov radiation application, Samo Korpa, University of Ljubljana

Application of G-APDs in Gamma Astronomy, Nepomuk Otte, UCSC

Geiger-mode APDs for the neutrino oscillation experiment T2K, Yury Kudenko, INR Moscow

Application of G-APDs in μSR instrumentation, Alexey Stoykov and Robert Scheuermann, PSI

Study of Radiation Hardness, Iouri Musienko, CERN

Application of MAPDs for Calorimetry and ToF, Alexandr Ivashkin, INR Moscow

Performance of long scintillating fibres read-out with SiPM, Salvador Sanchez, Mainz

16:30   <u>Informaton from the FP7 research goups</u>

Recent progress in SiPM matrices readout and performance, Univ of Pisa, (Maria G. Bisogni, Alberto del Guerra)

Inorganic Scintillating Fibers, University of Giessen (Rainer Novotny)

Prospects for SiPMs at the Crystal-Barrel Experiment, University of Bonn. (C. Wendel, Ulrike Thoma)

The Frascati group activity in testing SiPM related to the AMADEUS experiment, INF-INFN (Catalina Petrascu)

19:30 Workshop dinner

Tuesday morning: 9:30 – 12:30

continuation of: Information from FP7 research groups

Acivities at SMI/Vienna in testing the performance of SiPMs, SMI Vienna (Hans Marton)

G-APD activiities at GSI, GSI Darmstadt, (Andrea Wilms, Herbert Orth)

APD Laser Test Setup, Charles University Prague, (Peter Koyds, Rupert Leitner)

SiPM study and techniques for application in TOF, PNPI Gatchina (Gennady Gavrilov, Stanislav Belostotski)

JINR, Dubna, Alexander Olchevski, Valery Dodokhov

Jagiellonian University, Krakow, Jerzy Smirski

IFIN-HH, Bukarest, Mario Bragadireanu

INP Moscow, Fedor Guber, A. Ivashkin

IHEP Protvino, Vladimir Ammosov

Erlangen plans with SiPM, University of Erlangen, Albert Lehmann

Lunch

Tuesday afternoon: 14:00

INTAS group meeting (1h)

FP7 - Plans for the first project year and sharing of works (2h)