

I3HP-FP7 Silicon Multiplier Workshop
Reports on Results for HP2 and Plans for HP3
6 - 7 October, 2011 at GSI (Seminar Room KP3)
(Final Version, 4 Oct. 2011)

Agenda:

Thursday, October 6th

- 13:30 Project information and preparations of the Final Report H. Orth
Reports from the groups
- 14:00 Task 1: Low level light detection and single photon readout
SMI Vienna H. Marton, K. Suzuki
GSI Darmstadt H. Orth, C. Schwarz
- 15:00 Task 2: SiPM-coupled advanced fiber detectors
INFN Frascati O. Vazquez Doce
INFN Pisa N. Belcari
Charles Univ. Prague + JINR Dubna S. Valkar, Vit Vorobel
Univ. Bonn + Univ. Giessen Ch. Wendel, Ch. Schmidt
- 17:00 Task 3: Ultrafast timing with plastic scintillators for ToF applications
PNPI Gatchina + Jagiellonian Univ. Krakow A. Zhdanov, Y. Naryshkin
GSI Darmstadt + INR Moscow F. Guber, H. Orth
- 19:30 *Workshop Dinner (Hotel Weisser Schwan)*

Friday, October 7th

- 9:30 The HP3 project H. Orth
- 10:00 ASIC development at GSI H. Flemming
- 10:30 Design and performance of dedicated ASICs for SiPM at Bari C. Marzocca
- 11:00 The Philips Digital SiPM A. Schmitz, Y. Hämisch
- 11:30 Electronics for SiPM at Frascati and Bukarest M. Bazzi
- 11:45 Perspectives of SiPM-electronics at Vienna S. Brunner, L. Gruber
- 12:00 Presentation of the project plans by the groups.

Running projects:

Cherenkov light sensor, Fiber tracker, Crystalline fibers, Shashlik, ToF, all

New projects:

The Scintillation Tile Hodoscope (SciTil) C. Schwarz, H. Orth

13:30 End of workshop