

## Monday, June 17

8:30 – 11:30 Coffee

8:30 – 12:30 Conference registration

12:30 – 14:00 Buffet

14:00 **Welcome address** P. Bourgeois

### **Session A Trends, Needs and Dreams**

14:10 In Beaune J.L. Faure Introductory talk

15:55 In Astrophysics K. Arisaka Overview

16:00 – 16:30 Coffee break – Poster I & Exhibition Hall

### **Session A Trends, Needs and Dreams**

16:30 In Medical J. Chabbal 2D X-Ray Detectors for Medical Imaging

17:15 **Poster Session I**

18:00 Bus departure

18:30 Welcome Cocktail – "Musée du Vin"

**Tuesday, June 18**

**Session B PLT, HPD, Vacuum Detector**

- 8:30 M. Teshima Overview
- 9:15 P. Hink Characterization of a Position Sensitive, Flat Microchannel Plate Photomultiplier Tube
- 9:40 B. Lubsandorzhev Performance of HPD with high sensitive blue-green NEA photocathode for experiments in Astroparticle Physics
- 10:05 A. Tripathi A Systematic Study of Large PMTs for Pierre Auger Observatory

**10:30 – 11:00 Coffee break – Poster I & Exhibition Hall**

**Session C1 Solid States (visible,  $\gamma$ , X)**

- 11:00 O. Limousin Overview
- 11:45 F. Lebrun The Compton Cube

**12:20 – 13:50 Lunch**

**Session B (cont) PLT, HPD, Vacuum Detector**

- 13:50 O. Siegmund Quantum efficiency and stability of alkali halide and diamond UV photocathodes in the presence of electric field
- 14:15 O. Deschamps Study of Multianode Photomultipliers for the electromagnetic calorimeter preshower read out of the \LHCB\ experiment
- 14:40 K. Passmore Development and Characterization of High Quantum Efficiency, Low Dark Current III-V Photocathode Dual MCP PMTs
- 15:05 C.H. Park Experimental Study on New Hybrid Approach to Electron Multiplication
- 15:35 C. Joram Development of a 10" HPD with integrated readout electronics

**16:00 – 16:30 Coffee break – Poster I & Exhibition Hall**

**Session C2 APD**

- 16:30 K. Deiters Radiation hard Avalanche Photo Diodes for the CMS ECAL
- 16:55 K. Shah Position Sensitive Avalanche Photodiodes
- 17:20 B. Dolgoshein Silicon Photomultiplier and its applications

**18:00 Conference Photography**

## Wednesday, June 19

### Session C2 (cont) APD

- 8:30 V. Solovov Low Temperature Performance of a Large Area Avalanche Photodiode in the Visible and VUV Range
- 8:55 Y. Moussienko Study of the Hamamatsu avalanche photodiodes at liquid nitrogen temperatures
- 9:20 A. Heering Properties of the CMS HCAL Hybrid Photodiode

10:00 – 10:30 Coffee break – Poster I & Exhibition Hall

### Session D Rich+Gaseous

- 10:30 E. Nappi Trends in the development of large area photodetectors for Cherenkov light imaging applications
- 11:15 M. Fraga The GEM scintillation in He-CF<sub>4</sub>, Ar-CF<sub>4</sub>, Ar-TEA and Xe-TEA mixtures
- 11:40 D. Moermann Recent developments in gaseous photomultipliers for the UV-to-visible range

12:30 – 14:00 Lunch

### Session H Other Applications

- 14:00 H. Kroha Semi-transparent amorphous silicon strip sensors for high-precision optical alignment of tracking detectors
- 14:25 A. Sellai Resonant-cavity Schottky photodetectors with a grating profiled surface
- 14:50 O. Siegmund High resolution cross strip anodes for photon counting detectors
- 15:15 A. Smith Single Crystal Transmission Mode Photocathodes Spanning the Spectral Range from UV to Extended NIR

### 15:40 Poster Session II

16:00 – 16:30 Coffee break – Poster II & Exhibition Hall

- E. Lorenz Round Table

17:00 C. Ware Oenology – "Maison Bichot"

18:00 Bus Departure

18:30 19:30 Beaune Wineries Visit & "Taste"

19:30 Bus to Palais des Congres

**Thursday, June 20**

**Session H (cont) Other Applications**

- 8:30 B. Smith Development of Hybrid Photodetectors Using Single Crystal III-V Photocathodes
- 8:55 O. Evrard A novel photodiode array structure for gamma camera applications
- 9:20 E. Flyckt New microchannel-plate technology offers X-ray focusing - a micropore optic (MPO)
- 9:45 L. Consentino Ion micro-beam diagnostics with photodetectors
- 10:10 I. Sokolov Adaptive photodetectors for vibration monitoring

10:30 – 11:00 Coffee break – Poster II & Exhibition Hall

**Session F PET & Medical**

- 11:00 J.N. Talbot Positron Emission Tomography with [18F]-FDG : Clinical Impact of this recent Imaging tool for the Diagnosis in Oncology
- 11:45 M. Kapusta Characterization of Hamamatsu S8550 APD Arrays for High-Resolution Scintillator Matrices Readout

12:30 – 14:00 Lunch

**Session F (cont) PET & Medical**

- 14:00 M. Casey Analysis of Timing Performance for an APD LSO Scintillation Detector
- 14:25 G. Pellegrini Development of 3D detectors for medical imaging
- 14:50 E. Lorenz Evaluation of the new Hamamitsu S8550 APD array for the readout of scintillation fiber trackers
- 15:15 D. Thers Ionization Multiplier (IM): A new concept of gaseous detector for radiation detection improvement

16:00 – 16:30 Coffee break – Poster II & Exhibition Hall

**Session E Applications in Physics**

- 16:30 A. Petrolini The photo-detector for the EUSO experiment
- 16:55 G. Moret Auto-triggerable HPD sensors fully readout on ethernet : applications for high energy physics and medical imaging
- 17:20 D. Paneque Enhance of the detection efficiency of a Cherenkov telescope
- 17:45 D. Ferenc Novel Camera Concept for Space Applications (like in EUSO)

Experiment)

19:00	Bus Departure
19:30 20:30	"Château de Meursault" Visit
20:30	Conference Dinner
24:00	Bus to Palais des Congres

## Friday, June 21

### Session E (cont) Applications in Physics

- 8:45 D. Lincoln Visible Light Photon Detectorsat D0
- 9:10 H. Halloin Performance of CLAIRE, the first balloon-borne gamma-ray lens telescope
- 9:35 R. Ahuja Picosecond-Gated, Ultra-High Repetition Rate, Intensified CCD Camera System
- 10:00 G. Boudoul The AMS-RICH prototype
- 10:30 – 10:50 Coffee break – Poster II & Exhibition Hall
- 10:50 P. Magnan CMOS-CCD
- 11:35 T. Calligaro Photodetectors at Louvre : X-ray,  $\gamma$ -ray and charged particle spectrometry applied to art and archaeology issues
- 12:20 P.Nedelec Conference Summary
- 12:30 – 14:00 Buffet