

INTERNATIONAL WORKSHOP ON

POSITRONS IN ASTROPHYSICS

20-23 March
2012,
Mürren,
Switzerland



TOPICS

In situ measurements of cosmic ray positrons
Observation of Galactic annihilation radiation
Positrons from particle interactions
Positrons from radioactivity
Electron-positron plasmas
Slowing and thermalisation of positrons
Positronium and its recombination signatures
The annihilation process and what we can learn from it
Positron and positronium interactions with matter
Antihydrogen: formation, trapping and study
Laboratory modeling of astrophysical processes
Future instrumentation

www.astropositron.org

CONTEXT SETTING SUMMARY TALKS

John Ellis (CERN Geneva)
Roberto Battiston (INFN Perugia)
Niels Madsen (Swansea University)
Mirko Boezio (INFN Trieste)
Roland Diehl (MPE Garching)
Nikos Prantzos (IAP Paris)
Pierre Salati (LAPTH Annecy)
Mike Charlton (Swansea University)
Paul Coleman (University of Bath)
Gleb Gribakin (Queen's University Belfast)

Scientific Organization Committee : Felix Aharonian, DIAS Dublin / MPIK Heidelberg • Roberto Battiston, INFN Perugia • Céline Boehm, IPPP Durham / LAPTH Annecy • Igor Bray, Curtin University Perth
Michael Charlton, Swansea University • Eugene Churazov, MPI Astrophysik • Garching • Paul Coleman, University of Bath • Michael Doser, CERN Geneva • Gleb Gribakin, Queen's University Belfast Nidhal
Guessoum, American Univ. of Sharjah • Toshio Hyodo, KEK Tsukuba • Pierre Jean, IRAP Toulouse • Mark Leising, Clemson University • Pierrick Martin, IPAG Grenoble • Piergiorgio Picozza, INFN Rome
Nikos Prantzos, IAP Paris • Gerry Skinner, GSFC Greenbelt • Clifford Surko, UCSD San Diego • Pietro Ubertini, IASF Rome • Tadayuki Takahashi, ISAS Tokyo • Peter von Ballmoos, IRAP Toulouse
Local Organization Committee : Paolo Crivelli, ETH Zürich • Maurizio Falanga, ISSI Bern • Peter von Ballmoos, IRAP Toulouse • Roland Walter, ISDC Genève