
XXVIII PHYSICS IN COLLISIONS
Proceedings of the International Symposium held in
Perugia, Italy, June 25-28, 2008

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XXVIII PHYSICS IN COLLISIONS

Proceedings of the International Symposium held in
Perugia, Italy, June 25-28, 2008



Editors

S. Ciprini, G. Mantovani and G. Anzivino

Organized by

Physics Department, University of Perugia
and I.N.F.N. Section of Perugia

Sponsored by

Fondazione Cassa di Risparmio di Perugia,
University of Perugia, I.N.F.N., and CAEN S.p.A

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✠ *This Volume is dedicated to the memory of Prof. Beate Naroska.*

Foreword

The XXVIII Physics in Collision International Conference was held in Perugia (Italy), June 25-28, 2008 at the Congress Hotel Giò. According to the tradition established in 1981, the Conference reviewed and updated key topics in all branches of particle and astroparticle physics. Informal discussions on new experimental results and their implications were an important part of the Conference.

This edition of PIC was dedicated to a recently deceased member of the International Advisory Committee, Prof. Beate Naroska, from DESY, Hamburg.

The previous PIC conferences were held in various countries, the most recent three in France, Brazil and Czech Republic, the first one (1981) in Virginia (USA). PIC2008 was organized jointly by the I.N.F.N., Sezione di Perugia and the Dipartimento di Fisica of the Università di Perugia.

Twenty seven invited talks were presented, covering the main results from all areas of particle physics, ranging from neutrino physics to the most recent results obtained from accelerators and astrophysics results from underground labs, earth-based and space-borne detectors. Twenty three posters were also submitted, out of which eleven were selected to give a short presentation.

The social part of the conference included a Welcome Party on June 25th, a reception by the Local authorities in the Perugia Town Hall (Palazzo dei Priori), a visit to the Perugia historical center and to the National Gallery of Umbria on June 26th, a trip to Assisi followed by the Conference dinner on June 27th.

The meeting was sponsored mainly by I.N.F.N. and locally by the Fondazione Cassa di Risparmio di Perugia. To both we express our most grateful thanks. I would like to deeply thank all members of the IAC for having collaborated with me to shape a very interesting and complete program for this XXVIII edition of the conference, the members of the Local Committee and the technicians and students of our Physics Department for their help in making PIC2008 a truly unforgettable event.

The complete proceedings of the The XXVIII Physics in Collision International Conference is available at SLAC web-site as econf/C080625.

Giancarlo Mantovani
Chairman of the Conference Committees

XXVIII Physics in Collision
Perugia, Italy, June 25-28, 2008 · Congress Hotel Gio

- Invited speakers review and update key topics in elementary particle physics.
- Informal discussions are encouraged on experimental results presented and their implications.
- Conference poster session: abstracts from all participants are welcome.

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Figure 1: The conference poster.



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Figure 2: Participants of the XXVIII Physics in Collision Conference, held in Perugia, Italy, June 25-28, 2008. Group photo taken at the social dinner.



Figure 3: Other group photos.

Table of Contents

Foreword	iii
Conference poster and sponsors	iv
Committees	v
Group photos	vii
Table of Contents	ix
Electroweak Physics	1
Top Quark Cross Sections	2
<i>Frédéric Déliot</i>	
Top Quark Properties	13
<i>Mousumi Datta</i>	
W-Z physics from the Tevatron	14
<i>Tim Bolton</i>	
Electroweak constraints from HERA	15
<i>Elisabetta Gallo</i>	
Neutrino Physics	27
New developments in Solar Neutrino Physics	28
<i>Gianpaolo Bellini</i>	
Short-baseline Neutrinos: Recent Results and Future Prospects	42
<i>Ryan B. Patterson</i>	
Ultra high-energy neutrinos	52
<i>Ryan Nichol</i>	

Long Baseline Neutrino Oscillation Experiments	53
<i>Mark Thomson</i>	
Underground nuclear astrophysics and the Sun	67
<i>Carlo Brogini</i>	
OPERA: waiting for the τ	76
<i>Andrea Longhin</i>	
Heavy Flavour and Strange Particle Physics	82
B decay and CP violation: CKM angles and sides at the BABAR and BELLE B-Factories	83
<i>Marc Verderi</i>	
New Physics Effects in B decays	96
<i>Yuan Chao</i>	
Heavy B Hadrons	101
<i>Stefano Giagu</i>	
The Charm Renaissance: D-Physics – a Selective Review	113
<i>Guy Wilkinson</i>	
$D^0 - \bar{D}^0$ Mixing: An Overview	130
<i>Jörg Marks</i>	
Strange Quark Physics at Sixty-Four	142
<i>Bradley Cox</i>	
Measurement of $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ at NA62 experiment	154
<i>Spasimir Balev</i>	
V_{us} from kaon decays with the KLOE detector	160
<i>Mario Antonelli</i>	
Early physics with the LHCb detector	166
<i>Dirk Wiedner</i>	

Astroparticle Physics	172
Ultra High Energy Cosmic Rays from earth-based observatories <i>Sergio Petrerá</i>	173
Dark Matter Detection and the XENON experiment <i>Elena Aprile</i>	184
Cosmic rays from the space based observatories <i>Piero Spillantini</i>	193
Very High-Energy Gamma Ray Astronomy <i>Ullrich Schwanke</i>	209
FERMI/GLAST and the Future of Gamma Ray Astronomy <i>Vincenzo Vitale</i>	218
Ultra-High Energy Particles Astronomy with a space-based experiment <i>Roberto Pesce</i>	224
Antimatter and DM search in space with AMS-02 <i>Francesca R. Spada</i>	230
QCD and Heavy ion Physics	236
Jet Physics at HERA, Tevatron and LHC <i>Christophe Royon</i>	237
QCD at the HERA scale and implications at the Tera scale <i>Achim Geiser</i>	251
Exotic hadron spectroscopy <i>Jolanta Brodzicka</i>	266
Longitudinal Structure Function Measurements from HERA <i>Vladimir Chekelian</i>	278
Spin structure of the nucleon <i>Krystof Kurec</i>	288

What is the matter created in heavy ion collisions?	299
<i>Raphael Granier de Cassagnac</i>	
Higgs Searches and BSM Physics	310
Higgs Searches at the Tevatron	311
<i>Anyes Taffard</i>	
Higgs Searches at LHC	324
<i>Giorgia Mila</i>	
Beyond the Standard Model - Searches at HERA and the Tevatron	330
<i>Stefan Grünendahl</i>	
BSM measurements with Top at LHC :	
CMS sensitivity to Flavour Changing Neutral Currents	343
<i>Leonardo Benucci</i>	
ZZ into 4ℓ expected sensitivity with the first ATLAS data	351
<i>Ilektra A. Christidi</i>	
ATLAS RPC commissioning status and cosmic ray test results	358
<i>Michele Bianco</i>	
Poster Session	365
Study of the Behavior of the Nuclear Modification Factor in Freeze-out State	366
<i>Muhammad Ajaz et al.</i>	
Hidden Valley Higgs Decays in the ATLAS Detector	370
<i>Guido Ciapetti</i>	
Mini-Bias and Underlying Event Studies at CMS	376
<i>Yuan Chao</i>	
ATLAS Trigger Menu for Early Data-Taking	381
<i>Marc-André Dufour and Bilge Demirköz</i>	

Level-3 Calorimetric Resolution available for the Level-1 and Level-2 CDF Triggers	386
<i>Virginia Greco et al.</i>	
Measurement of Branching Fractions of the inclusive decay $D^0 \rightarrow \Phi X$ and of the exclusive decays of the D^0 involving a K^+K^-	391
<i>Gerhard Leder and Franz Mandl</i>	
The Liquid Argon Jet Trigger of the H1 Experiment at HERA	396
<i>Bob Olivier</i>	
A new very inclusive trigger selection for the SM WH discovery channel at CDF	401
<i>Pierluigi Totaro</i>	
Scientific Program	408
List of Participants	412

