

PUBLICATIONS

Contributions to books

1. M. J. Ablowitz, B. Prinari
Non linear Schrödinger systems: continous and discrete
Scholarpedia
E. M. Izhikevich, Ed.
Scholarpedia 3(8):5561 (2008) ISSN 1941-6016
2. A. Rossi
Il mutamento dell'immagine ideologica di Einstein in Italia durante il fascismo
Sulla Filosofia Italiana del Novecento
Minazzi F. et al., Eds.
Franco Angeli, Milano (2008)
3. A. Rossi
L'eredità del pensiero di Thom
René Thom: prevedere non è spiegare
G. De Cecco, G. Del Re, A. Rossi, Eds.
Quaderno di Matematica, Lecce (2008), ISBN:978-88-8305-063-3
4. A. M. Tafuro, F. De Tomasi, M. R. Perrone
Remote Sensing of Aerosols by Sunphotometers and Lidar Techniques
Advanced Environmental Monitoring
J. Kim Young, U. Platt, Eds.
Springer, Berlin (2008), ISBN:978-1-4020-6363-3

Scientific journals

Experiment

Astroparticle physics

1. J. Abraham et al. (Pierre Auger Collaboration)
Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei
Astroparticle Phys. 29 (2008) 188
2. J. Abraham et al. (Pierre Auger Collaboration)
Upper Limit on the Cosmic-Ray Photon Flux Above 10^{19} eV Using the Surface

Detector of the Pierre Auger Observatory

Astroparticle Phys. 29 (2008) 243

3. J. Abraham et al. (Pierre Auger Collaboration)
Upper Limit on the Diffuse Flux of Ultrahigh Energy of Tau Neutrinos from the Pierre Auger Observatory
Phys. Rev. Lett. 100 (2008) 211101
4. J. Abraham et al. (Pierre Auger Collaboration)
Observation of the suppression of the flux of cosmic rays above 4×10^{19} eV
Phys. Rev. Lett. 101 (2008) 061101

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1. A. Blanco, M. D'Elia, D. Licchelli, V. Orofino, S. Fonti, S. Montanaro
The search for ancient life on Mars and the IR spectroscopy of Earth analogues
Mem. S. A. It. Suppl. 12 (008) 133
2. D. Licchelli, A. Blanco, M. Bochicchio, A. Bernardo, S. Fonti, M. D'Elia
ASTRONET: planetary observations in remote collaborative web environment
Mem. S. A. It. Suppl., Vol. 12 (2008) 28
3. G. A. Marzo, T. L. Roush, A. Blanco, S. Fonti, V. Orofino
Statistical exploration and volume reduction of planetary remote sensing spectral data
J. Geophys. Res. 113 (2008) E12009, doi:10.1029/2008JE003219

Condensed matter

1. A. P. Caricato, M. Lomascolo, A. Luches, F. Mandoj, M. G. Manera,
MAPLE deposition of methoxy Ge triphenylcorrole thin films
Appl. Phys. A 93 (2008) 651
2. D. Valerini, A. P. Caricato, M. Lomascolo, F. Romano, A. Taurino, T. Tunno, M. Martino
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Appl. Phys. A 93 (2008) 729

Elementary particle physics

1. G. Aad et al. (ATLAS collaboration)
The ATLAS Experiment at the CERN Large Hadron Collider
Journal of Instrumentation 3:S08003 (2008) 437
2. C. Adorisio et al. (ATLAS Muon Collaboration)
System test of the ATLAS muon spectrometer in the H8 beam at the CERN SPS
Nucl. Inst. and Meth. in Phys. Research A593 (2008) 232
3. G. Aielli et al.
Status of the ATLAS level-1 central trigger and muon barrel trigger and first results from cosmic-ray data.
IEEE Transactions on Nuclear Science 55 1 (2008) 139
4. F. Ambrosino et al. (KLOE Collaboration)
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5. F. Ambrosino et al. (KLOE Collaboration)
Measurement of the absolute branching ratios for semileptonic K^\pm decays with the KLOE detector
 JHEP 0802 (2008) 098
6. F. Ambrosino et al. (KLOE Collaboration)
 $|V_{us}|$ and lepton universality from kaon decays with the KLOE detector
 JHEP 0804 (2008) 059
7. F. Ambrosino et al. (KLOE Collaboration)
Determination of $\eta \rightarrow \pi^+\pi^-\pi^0$ Dalitz plot slopes and asymmetries with the KLOE detector
 JHEP 0805 (2008) 006
8. F. Ambrosino et al. (KLOE Collaboration)
A study of the radiative $K_L \rightarrow \pi^\pm e^\mp \nu \gamma$ decay and search for direct photon emission with the KLOE detector
 Eur. Phys. Jour. C 55 (2008) 539
9. F. Ambrosino et al. (KLOE Collaboration)
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10. T. Lari et al.
Collider aspects of flavor physics at high Q
 Eur. Phys. Jour. C 57 (2008) 183-307
11. J.M. Link et al. (FOCUS collaboration)
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 Phys. Lett. B 660 (2008) 147
12. J.M. Link et al. (FOCUS collaboration)
Search for a pentaquark decaying to $\Xi^- \pi^-$
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13. A. Sidoti et al.
The ATLAS muon trigger Slice
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Instrumentation and technical advances

1. L. Cultrera, G. Gatti, P. Miglietta, F. Tazzioli, A. Perrone
The role of the adsorbed gases on the photoelectron performance of Mg-based photocadods
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2. R. Khandelwal, A. P. Singh, A. Kapoor, S. Grigorescu, P. Miglietta, N. E. Stankova, A. Perrone
Effects of Deposition Temperature on the Structural and Morphological Properties of Thin ZnO Films Fabricated by Pulsed Laser Deposition
 Optics and Laser Technology, 40 (2008) 247

Interdisciplinary applications

1. S. Acquaviva, E. D'Anna, M. L. De Giorgi, A. Della Patria, L. Pezzati
Optical characterization of pigments by reflectance spectroscopy in support of UV laser cleaning treatments
 Applied Physics A 92 (2008) 223
2. P. Alifano, A. Lorusso, V. Nassisi, A. Talà, S. M. Tredici
Application of XeCl308nm excimer laser radiation to mutagenesis of industrial microorganisms
 Rad. Eff. Def. Solids 163 (2008) 299
3. G. Caretto, L. Martina, V. Nassisi, M. V. Siciliano
Behavior of photocathodes on superficial modification by electrical breakdown
 Nucl. Inst. Meth. Phys. Res. B 266 (2008) 2157
4. G. Caretto, L. Martina, V. Nassisi and M.V. Siciliano
Temporal behavior of photoemission for yttrium cathodes
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5. G. Caretto, P. Miglietta, V. Nassisi, A. Perrone, M. V. Siciliano
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6. L. Giuffrida, L. Torrìsi, A. Czarnecka, J. Wolowsky, G. Quarta, L. Calcagnile, A. Lorusso, V. Nassisi
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7. J. Kràsa, K. Jungwirth, S. Gammìno, E. Krousky, L. Laska, A. Lorusso, V. Nassisi, M. Pfeifer, K. Rohlena, L. Torrìsi, J. Ullschmied, A. Velyhan
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8. J. Kràsa, L. Laska, K. Rohlena, A. Velyhan, A. Lorusso, V. Nassisi, A. Czarnecka, P. Parys, L. Ryç, J. Wolowski
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9. A. Lorusso, V. Nassisi, M. V. Siciliano
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10. A. Lorusso, V. Nassisi, M. V. Siciliano, V. Vergine
Study of soft X-ray induced by plasma laser
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11. A. Lorusso, V. Nassisi, L. Velardi, G. Congedo
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 Nucl. Instrum. Meth. B 266 (2008) 2486
12. A. Lorusso, L. Velardi, V. Nassisi, F. Paladini, A. M. Visco, N. Campo, L. Torrìsi, D. Margarone, L. Giuffrida, A. Rainò
Polymer processing by a low energy ion accelerator
 Nucl. Instrum. Meth. B 266 (2008) 2490
13. A. Lorusso, L. Velardi, V. Nassisi
Characterization of laser-produced plasma of metal targets
 Rad. Eff. Def. Solids 163 (2008) 429

14. A. Lorusso, L. Velardi, V. Nassisi, L. Torrisci, D. Margarone, A. Mezzasalma, A. Rainò
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Rad. Eff. Def. Solids 163 (2008) 447
15. A. Lorusso, V. Nassisi, A. Buccolieri, G. Buccolieri, A. Castellano, A. L. Leo, M. Di Giulio,
L. Torrisci, F. Caridi, A. Borrielli
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Rad. Eff. Def. Solids 163 (2008) 325-329
16. A. Lorusso, F. Paladini, V. Nassisi, L. Torrisci, A. M. Visco, N. Campo
Comparison of the laser effects induced on on ultra-high molecular weight polyethylene
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17. L. Torrisci, A. Lorusso, V. Nassisi, A. Picciotto
Characterization of Laser Ablation of Polymethylmethacrylate at Different Laser Wavelengths
Rad. Eff. Def. Solids 163 (2008) 179
18. L. Velardi, A. Lorusso, V. Nassisi, G. Congedo
Generation of Si nanocrystals by ion implantation utilizing a LIS device
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1. A. Bergamo, A. M. Tafuro, S. Kinne, F. De Tomasi, M. R. Perrone
Monthly averaged anthropogenic aerosol direct radiative forcing over the Mediterranean based on AERONET aerosol properties
Atm. Chem. and Phys. 8 (2008) 6995
2. A. Papayannis et al.
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4. X. Wang et al.
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Mod. Phys. Lett. A 23 (2008) 99

2. A. A. Nucita, F. De Paolis, G. Ingrosso, S. Carpano, M. Guainazzi
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3. A. F. Zakharov, F. De Paolis, G. Ingrosso, A. A. Nucita, A. Qadir
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1. R. Armillis, C. Corianò, M. Guzzi, S. Morelli
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2. R. Armillis, C. Corianò, M. Guzzi
Trilinear Anomalous Gauge Interactions from Intersecting Branes and the Neutral Currents Sector
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3. M. Baldo, C. Maieron
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Phys. Rev. C 77 (2008) 015801
4. F. Bazzocchi, S. Morisi, M. Picariello.
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5. M. Beccaria
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6. M. Beccaria
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7. M. Beccaria, F. Catino
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9. M. Beccaria, V. Forini
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10. A. Cafarella, C. Corianò, M. Guzzi
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12. C. Corianò, A. E. Faraggi, M. Guzzi
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14. C. Corianò, M. Guzzi, S. Morelli
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15. C. Corianò, S. Morelli
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18. S. De Leo, P. Rotelli
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19. M. Martini, C. Maieron, V. De Donno, G. Co'
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20. D. Montanino, M. Picariello, J. Pulido
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22. M. Picariello, B. C. Chauhan, J. Pulido, E. Torrente-Lujan
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23. M. Raidal et al.
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2. A. Rossi
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- Mathematical, non-linear and statistical physics
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4. G. Landolfi
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7. T. Maiolo, L. Martina, G. Ruggeri, G. Soliani
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5. D. Martello for the ARGO-YBJ Collaboration
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6. L. Perrone for the Pierre Auger Collaboration
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2. S. Fonti, S. Montanaro, R. Politi, A. Blanco, A. C. Marra, G. A. Marzo, V. Orofino
Reflectance spectra of particulate mixtures in the near and medium infra-red spectral range: part II
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3. D. Licchelli, A. Blanco, M. Bochicchio, A. Bernardo, S. Fonti, M. D'Elia
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4. D. Licchelli, A. Blanco, L. Ruggiero
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2. A. Lorusso, V. Nassisi, P. Esposito, M. V. Siciliano
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Theory

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