

## TALKS AT CONFERENCES AND WORKSHOPS

1. M. Beccaria  
**Semiclassical short strings in  $AdS_5 \times S^5$**   
*Nonlinear Physics. Theory and Experiment VI*  
Gallipoli (Italy), June 23 - July 3 (2010)
2. M. Beccaria  
**Integrability in string theory**  
*Recent developments in AdS/CFT*  
Genova (Italy), July 4-8 (2010)
3. A. Blanco  
**Spectroscopic analysis of particulate samples of altered olivine for planetological studies**  
*IX Congresso Nazionale di Scienze Planetarie*  
Amalfi (Italy), Sept. 28 - Oct. 2 (2009)
4. A. Blanco  
**The search for Life on Mars**  
*European Science Foundation (ESF) Conference*  
Obergurgl (Austria), Apr. 25-30 (2010)
5. A. P. Caricato  
**Dependence of the surface roughness of MAPLE-deposited films on the solvent parameters**  
*COLA-10, 10th Conference on Laser Ablation*  
Singapore, Nov. 22-27 (2009)
6. A. P. Caricato  
**Deposition of transparent, conducting and magnetic films by pulsed laser deposition for spintronic applications**  
*FLAMN-10, Fundamentals of Laser Assisted Micro - and Nanotechnologies*  
San Pietsburg-Pushkin (Russia), July 5-8 (2010)
7. A. P. Caricato  
**Films of brookite  $TiO_2$  nanorods deposited by matrix-assisted pulsed laser deposition for gas sensor applications**  
*ICPEPA-7, 7th International Conference on Photo-Excited Processes and Applications*  
Copenhagen, (Denmark), Aug. 15-20 (2010)
8. G. Co' <sup>1</sup>  
**Effective tensor forces and neutron rich nuclei**  
*10th international spring seminar on nuclear physics. New quests in*  
Vietri sul mare (Sa), May 21-25 (2010)
9. G. Co' <sup>1</sup>  
**Effective nuclear many-body theories**

*Electron-Nucleus Scattering XI*  
Marciana marina (Li), June 21-25 (2010)

10. L. Cultrera  
**Overview of advanced cathodes for high brightness beams**  
*Workshop on the physics and applications of high brightness electron beams*  
Maui, Hawaii (USA), Nov. 16-19 (2009)
11. L. Cultrera  
**Thermal Emittance, Response Time and Lifetime Measurements**  
*Photocathode Physics for Photoinjectors Workshop*  
Brookhaven National Laboratory, Brookhaven-NY (USA), Oct. 12-14 October (2010)
12. V. De Donno  
**Low-lying magnetic excitations of doubly-closed-shell nuclei and the nucleon-nucleon effective interaction**  
*European Nuclear Physics Conference*  
Bochum (Germany), March 16-20 (2009)
13. V. De Donno  
**Nuclear excited states within the Random Phase Approximation Theory**  
*XXVIII International Workshop on Nuclear Theory*  
Rila Mountains (Bulgaria), June 21-26 (2009)
14. V. De Donno  
**Continuum Random Phase Approximation Theory**  
*JAPAN-ITALY EFES Workshop on Correlations in Reactions and Continuum*  
Torino (Italy), Sept. 6-8 (2010)
15. V. De Donno  
**Self-Consistent Continuum Random Phase Approximation calculations with finite-range interactions**  
*SPES 2010 Workshop and LEA-COLLIGA Meeting*  
Laboratori Nazionali Legnaro, Legnaro (Italy), Nov. 15-19 (2010)
16. M. D'Elia  
**Alla ricerca dei Marziani**  
*Festival dello spazio 2009*  
Bari (Italy), Mar. 29 (2009)
17. M. D'Elia  
**Study of terrestrial fossils in phyllosilicate-rich soil: a possible analogue for the search for biosignatures on Mars**  
*European Geosciences Union General Assembly 2009*  
Vienna, (Austria), Apr.19-24 (2009)
18. M. D'Elia  
**Study of terrestrial fossils in phyllosilicate-rich regions: possible analogues for the search of biosignatures on Mars**  
*2nd Workshop of the Italian Astrobiology Society*  
Bologna (Italy), May 28-29 (2009)
19. M. D'Elia  
**Preservation of biosignatures in clay-rich systems: implications for Martian exobiology**  
*IX Congresso Nazionale di Scienze Planetarie*  
Amalfi (Italy), Sept. 28 - Oct. 1 (2009)

20. M. D'Elia  
**C'è vita su Marte?**  
*Festival dello spazio 2010*  
 Bari (Italy), Apr. 11 (2010)
21. M. D'Elia  
**Spectroscopic biosignatures of carbonates and applications to Martian exobiology**  
 Duino-Trieste (Italy), May 26-28 (2010)
22. M. L. De Giorgi  
**Studies on natural dyes: optical, morphological AND compositional characterizations**  
*TECHNART 2009*  
 Athens (Greece), Apr. 27 - 30 (2009)
23. M. L. De Giorgi  
**Physical and chemical investigations on natural dyes**  
*EMRS*  
 Strasbourg (France), June 8-12 (2009)
24. M. L. De Giorgi  
**Stabilità di coloranti vegetali su tessuti**  
*VI Conferenza Nazionale del Colore*  
 Lecce (Italy), Sept. 16-17 (2010)
25. I. De Mitri  
**Cross section measurements with cosmic ray experiments**  
*International Workshop on Quantum Chromodynamics from Colliders to Super-High Energy Cosmic Rays 2009*  
 Trieste (Italy), May 25-29 (2009)
26. I. De Mitri for the ARGO-YBJ Collaboration  
**Proton-air cross section measurement with ARGO-YBJ**  
*31th International Cosmic Ray Conference 2009*  
 Lodz (Poland), July 7-15 (2009)
27. I. De Mitri for the ARGO-YBJ  
**Hadronic Interaction Studies with ARGO-YBJ**  
*Workshop on Hadron-Hadron and Cosmic Ray Interactions at multi-TeV Energies*  
 Trento (Italy), Nov. 29 - Dec. 3 (2010)
28. F. De Paolis  
**Estimating the parameters of the SGRA\* black hole**  
*II Italian-Pakistani Workshop for Relativistic Astrophysics*  
 Pescara (Italy), July 8-10 (2009)
29. F. De Tomasi  
**Overview of space borne lidar measurements and intercomparison with**  
*International Workshop on Atmospheric Composition Changes: Climate-Chemistry Interactions*  
 Lecce (Italy), Nov. 2-4 (2009)
30. F. De Tomasi  
**Aerosol vertical profile from the space-borne lidar CALIOP and the ground-based Raman lidar at Lecce (Italy): intercomparison study**  
*8th International Symposium on Tropospheric Profiling.*  
 Delft (Netherlands) Oct. 19-23 (2009)

31. S. Fonti  
**Spatial distribution and temporal evolution of methane in the Martian atmosphere**  
 Bologna (Italy), May 28-30 (2009)
32. S. Fonti  
**Laboratory emission measurement for the interpretation of Mercury surface spectra**  
*Workshop MCB09*  
 Parma (Italy), June 3-5 (2009)
33. S. Fonti  
**Spatial distribution and temporal evolution of methane in the Martian atmosphere**  
 Frascati (Italy), Nov. 25-27 (2009)
34. S. Fonti  
**Spatial distribution and temporal evolution of methane in the Martian atmosphere**  
*PFS General Meeting,*  
 Roma (Italy), Mar. 16-19 (2010)
35. S. Fonti  
**How did I get my Planet X spectrum**  
*First Planetary Spectroscopy Comparison Workshop: The Planet X challenge,*  
 Berlin (Germany), Mar. 22-25 (2010)
36. C. Garola  
**A New Representation of Generalized Observables for a Hilbert Space Extension of QM**  
*Quantum Structure 2009*  
 Kocövce (Slovak Republic), Feb. 24-27 (2009)
37. C. Garola  
**Generalized Observables and Mixtures in the ESR Model for QM**  
*Fuzzy Set Theory and Applications*  
 Liptovský Ján (Slovak Republic), Feb. 1-5 (2010)
38. C. Garola  
**An Application of the ESR Model to Bell's Inequalities**  
*10th Biennial IQSA Meeting on Quantum Structures. Boston 2010*  
 Boston, MA (USA), June 21-26 (2010)
39. C. Garola  
**Recovering Quantum Logic within an Extended Classical Framework**  
*SILFS 2010 International Congress,*  
 Bergamo (Italy), Dec. 15-17, (2010)
40. C. Garola  
**Development of a Noncontextual Hilbert Space Framework for Quantum Mechanics**  
*Nonlinear Physics. Theory and Experiment VI*  
 Gallipoli (Italy), June 23-July 3, (2010)
41. G. Ingrosso  
**Detection of exoplanets in M31 with pixel-lensing: the event PA-99-N2 case**

*12th Marcel Grossmann Meeting*  
Paris (France), July 12-19 (2009)

42. G. Ingrosso  
**Search for exoplanets in M31 with pixel-lensing**  
*14th Workshop on Gravitational Microlensing*  
Auckland (New Zealand), Jan. 18-20 (2010)
43. G. Ingrosso  
**Detection of extrasolar planets in M31 by pixel-lensing**  
*II Italian-Pakistani Workshop for Relativistic Astrophysics*  
Pescara (Italy), July 8-10 (2009)
44. B. G. Konopelchenko  
**On operator representation of integrable equations**  
*CPNLW-09, Solitons in their Roaring Forties: Coherence and Persistence in Nonlinear Waves*  
Nice (France), Jan. 6-9, (2009)
45. B. G. Konopelchenko  
**Coisotropic deformations of algebraic curves, varieties and integrable systems**  
*NEEDS 2009*  
Isola Rossa (Italy), May 16-23, (2009)
46. B. G. Konopelchenko  
**Discrete deformations of associative algebras and discrete integrable equations**  
*Programme Discrete Integrable Systems,*  
Cambridge (UK), June 10 (2009)
47. B. G. Konopelchenko  
**Menelaus relation and Fay's trisecant formula are associativity equations**  
*Mathematics and Physics of Solitons and Integrable Systems*  
Dijon (France), June 28- July 02 (2009)
48. B. G. Konopelchenko  
**Singular sectors, degenerate critical points and Euler-Poisson-Darboux equations for the dKdV, dToda hierarchies and Hermitian matrix model**  
*Integrable systems in pure and applied mathematics*  
Alghero (Italy), June 8-12 (2010)
49. B. G. Konopelchenko  
**Algebraic curves in Birkhoff strata of Sato Grassmannian and integrable systems**  
*Nonlinear physics. Theory and experiment. VI*  
Gallipoli (Italy), June 22-July 03 (2010)
50. B. G. Konopelchenko  
**Deformations of algebraic varieties, associative algebras and integrable systems**  
*XXV international workshop on differential geometric methods in theoretical mechanics*  
Levico Terme (Italy), Aug. 22-28 (2010)
51. B. G. Konopelchenko  
**Algebraic curves in Birkhoff strata of Sato Grassmannian and hydrodynamical type systems**  
*Geometry, dynamics, integrable systems*  
Belgrade (Serbia), Sept. 7-13 (2010)

52. A. S. Lanotte  
**The rate of collisions of small cloud droplets in turbulent flows**  
*13th Cloud Physics Conference, American Meteorological Society*  
 Portland, Oregon (USA) June 29 (2010)
53. A. S. Lanotte  
**Transport of Inertial Heavy Particles in Turbulent Flows**  
*International Conference on Computational Methods for Energy, Engineering and*  
 ENS, Sousse (Tunisia), Nov. (2009)
54. A. S. Lanotte  
**Pair dispersion of inertial particles in turbulent flows**  
*Euromech 512: Euromech Colloquium on Small Scale Turbulence*  
 Torino (Italia) Oct. (2009)
55. A. S. Lanotte  
**Turbulent pair dispersion of inertial particles**  
*SIF 2009: Convegno della Società Italiana di Fisica*  
 Bari (Italia), Sept. (2009)
56. A. Lorusso  
**Laser Cleaning Apparatus for Treatment of Archaeological Metal Artefacts**  
*Argentinean National Conference on Avances en Técnicas Analíticas Aplicadas al Estudio de*  
*Materiales en Arte y Arqueología*  
 Buenos Aires (Argentina), Sept. 8-10 (2010)
57. L. Martina  
**Entanglement of coupled oscillators and Hartree-Fock Approximation**  
*Problemi Attuali di Fisica Teorica*  
 Vietri sul Mare (Italy), April 3-8 (2009)
58. L. Martina  
**Non-commutative Mechanics and exotic galilean symmetry**  
*Nonlinear Physics: Theory and Experiment VI*  
 Gallipoli (Italy), June 23 - July 3, (2010)
59. M. Martino  
**Thin films of TiO<sub>2</sub> nanorods deposited byMAPLE as gas sensors**  
*18th International Conference on Advanced Laser Technologies (ALT'10)*  
 Egmond aan Zee (Netherlands), Sept. 11-16 (2010)
60. M. Martino  
**Thin films of LSMO as electrode in spintronics deposited by pulsed laser ablation**  
*Fourth International Conference on Optical, Optoelectronic and Photonic Materials and Applications*  
 Budapest (Hungary), Aug. 15-20, 2010
61. M. Martino  
**Matrix-Assisted Pulsed Laser Deposition Of Polymer And Nanoparticle Films**  
*JVC 13 Conference*  
 Intrbsk/’e Pleso (Slovakia), June 20-24, (2010)
62. D. Montanino  
**Rassegna teorica sulla fisica dei neutrini**  
*Incontri di Fisica delle Alte Energie*  
 Roma, Apr. 7-9 (2010)

63. D. Montanino  
**Stochastic conversions of TeV photons into axion-like particle**  
*6th workshop on Axion, Wimps and Wisps*  
 Zurich, Jul. 5-9 (2010)
64. D. Montanino  
**Conversions of TeV photons into axion-like particles in extragalactic magnetic field**  
*TeV Particle Astrophysic 2010*
65. A. A. Nucita  
**X-rays as a tool to map matter in relativistic regime: binary systems.**  
*II Italian-Pakistani Workshop for Relativistic Astrophysics*  
 Pescara (Italy), July 8-10 (2009)
66. A. Perrone  
**Photoemission studies of metallic photocathodes prepared by pulsed laser ablation deposition technique**  
*International conference on Emerging Trends and Novel Materials in Photonics*  
 Delphi (Greece), Oct. 7-9 (2009)
67. M. R. Perrone  
**Aerosol Vertical Distribution Effects On Radiative Budget And Heating Rate Vertical Profiles: Study**  
*25th International Laser Radar Conference*  
 St Petersburg, 5-9 July 2010
68. B. Prinari  
**Towards a general inverse scattering transform for the Kadomtsev-Petviashvili II equation**  
*6th Imacs conference Nonlinear evolution equations and wave phenomena*  
 Athens, GA (USA), March 24 (2009)
69. B. Prinari  
**Towards a general inverse scattering transform for the Kadomtsev-Petviashvili II equation**  
*International Conf. on Applied Analysis and Scientific Computation*  
 Shanghai (China), June 24, (2010)
70. B. Prinari  
**Inverse Scattering Transform for vector NLS with non-vanishing boundary conditions**  
*American Mathematical Society Sectional Meeting*  
 Newark, NJ (USA), May 23 (2010)
71. B. Prinari  
**Inverse Scattering Transform for vector NLS with non-vanishing boundary conditions**  
*SIMAI 2010*  
 Cagliari (Italy), June 21 (2010)
72. B. Prinari  
**Inverse Scattering Transform for vector NLS with non-vanishing boundary conditions**  
*Nonlinear Waves 2010*  
 Beijing (China), June 26 (2010)

73. B. Prinari  
**Inverse Scattering Transform for vector NLS with non-vanishing boundary conditions**  
*Nonlinear Physics, Theory and Experiment VI*  
 Gallipoli (Italy), July 2 (2010)
74. A. Rossi  
**The Foundational Side of Italian Physics in the First Half of the XX Century**  
*XXIII International Congress of History of Science and Technology*  
 Budapest (Hungary), July 28 - Aug. 2 (2009)
75. A. Rossi  
**Il versante fondazionale della fisica italiana nella prima metà del XX secolo**  
*XXIX Convegno SISFA*  
 Firenze (Italy), Sept. 16-18 (2009)
76. A. Rossi  
**La tradizione fisico-matematica salentina tra 1800 e 1900**  
*La scienza nel Mezzogiorno dopo l'Unità d'Italia*  
 Lecce (Italy), Oct. 21 (2009)
77. A. Rossi  
**Einstein e l'evoluzione della fisica tra Ottocento e Novecento**  
*XXX Convegno SISFA*  
 Urbino (Italy), June 30 - July 3 luglio (2010)
78. A. Rossi  
**Dai modelli riduzionistici della realtà fisica nella scienza classica alla**  
*XIII Scuola Estiva di Filosofia della Fisica*  
 Cesena (Italy), Sept. 13-18 (2010)
79. A. Rossi  
**René Thom: forme, catastrofi e complessità**  
*X Congresso SISM*  
 Brescia (Italy), Nov. 25-27 (2010)
80. A. Rossi  
**René Thom: Forms, catastrophes and complexity**  
*SILFS 2010 International Conference*  
 Bergamo (Italy), Dec. 15-17 (2010)
81. S. Sozzo  
**A Proposal for a Noncontextual Hilbert Space Extension of Quantum Mechanics**  
*Quantum Theory: Reconsideration of Foundations - 5*  
 Växjö (Sweden), June 14–18 (2009)
82. S. Sozzo  
**A Noncontextual and Local Hilbert Space Framework for QM: The Modified BCHSH Inequalities**  
*Fuzzy Set Theory and Applications*  
 Liptovský Ján (Slovak Republic), Feb. 1–5 (2010)
83. S. Sozzo  
**An Application of the ESR Formalism to Bell's Inequalities**  
*Nonlinear Physics. Theory and Experiment VI*  
 Gallipoli (Italy), June 23–July 3 (2010)



84. S. Sozzo  
**An Introduction to the Mysteries of Quantum Mechanics: Contextuality**  
*Times of Entanglement*  
Shanghai (China), Sept. 19–24 (2010)
85. S. Sozzo  
**An Introduction to the Mysteries of Quantum Mechanics: Nonlocality**  
*Times of Entanglement*  
Shanghai (China), Sept. 19–24 (2010)
86. S. Sozzo  
**A Contextual Quantum–Based Formalism for Ecological Systems**  
*AAAI Fall Symposium - Quantum Informatics 2010*  
Arlington, Virginia (USA), Nov. 11–13 (2010)
87. S. Spagnolo for the ATLAS Collaboration,  
**J/Psi Physics at ATLAS**  
*International Workshop IHEP-LHC-2010*  
Protvino (Russia), Oct. 19–21 (2010)
88. A. Surdo for the ARGO-YBJ Collaboration  
**Cosmic Ray Physics with the ARGO-YBJ experiment**  
*22nd European Cosmic Ray Symposium*