

## TALKS AT CONFERENCES AND WORKSHOPS

1. Giulia Alemanno  
**Formation timescales of a sample of Martian fluvial**  
*XIII Congresso Nazionale di Scienze Planetarie*  
Bormio (So), Italy, February 21 - 26
2. Giulia Alemanno  
**Possible contribution of the Lecce laboratory group to the**  
*NOMAD and PFS SWT joint meetings*  
Rome, Italy, May 9 - 13
3. Giulia Alemanno  
**Study of Martian surface: fluvial and lacustrine environments.**  
*Icelandic Summer School - Biosignatures and the search for*  
Reykjavik, Iceland, July 4 - 17
4. Konstantinos Bachas  
**Search for heavy resonances in the llqq final state in pp collisions at  $\sqrt{s} = 13$**   
**TeV with ATLAS (Poster presentation)**  
*QCDWork - International Workshop on QCD, Theory and Experiment*  
Martina Franca, Italy, June 27-30
5. Paolo Bernardini  
**First data from the DAMPE space mission**  
*10th Cosmic Ray International Seminar*  
Ischia, Italy, July 4-8, 2016
6. C. Bleve for the Pierre Auger Collaboration  
**Search for UHE photons and neutrinos**  
*MACROS 2016 - Multimessenger approaches to cosmic rays: origin and space frontiers*  
Penn State, USA, June
7. Carla Bleve for the Pierre Auger Collaboration  
**The Pierre Auger Observatory ultra-high energy neutrinos follow-up of the LIGO**  
**gravitational-waves events**  
*SciNeGHE 2016 High-energy gamma-ray experiments at the dawn of gravitational wave*  
*astronomy*  
Pisa, Italy, October 18-21
8. Vittorio Bilò  
**A Catalog of  $\exists\mathbb{R}$  -Complete Decision Problems about Nash**  
*33rd International Symposium on Theoretical Aspects of Computer Science*  
Orléans, France, February 17 - 20
9. Vittorio Bilò  
**On the Robustness of the Approximate Price of Anarchy in Generalized Con-**  
**gestion Games**

*9th International Symposium on Algorithmic Game Theory*  
Liverpool, UK, September 19-21

10. Pasquale Burlizzi  
**A methodology for aerosol typing by three-wavelength LIDAR and sun photometer measurements.**  
*TECH-AIR 2016, Application of non-conventional analytical techniques to atmospheric particulate matter*  
Lecce, Italy, Nov. 07
11. Giovanni Calvaruso  
**Recent results on oscillator spacetimes**  
*VIII International Meeting on Lorentzian Geometry*  
Malaga, Spain, September 20-23
12. Giovanni Calvaruso  
**On the geometry of low-dimensional generalized symmetric spaces**  
*Seminar in honor of Professor Oldrich Kowalski*  
Prague, Check Republic, November 24-26
13. Antonio Caruso  
**Signals From the Depths: Properties of Percolation Strategies with the Argo**  
*Computers and Communication (ISCC), 2016 IEEE Symposium*  
Messina, Italy, June 2016.
14. Gabriella Cataldi for the Pierre Auger Collaboration  
**Towards AugerPrime: the upgrade of the Pierre Auger Observatory**  
*CRIS 2016 - 10th Cosmic Rays International Seminar*  
Ischia (NA), Italy, July 4-8
15. Francesco Catino  
**Groups and the Yang-Baxter equation**  
*A one-day Group Theory seminar*  
Napoli, Italy, March 15
16. C. Chiarello  
**The Full Stereo Drift Chamber for the MEG II Upgrade**  
*2nd International Conference on Charged Lepton Flavor Violation,*  
Charlottesville, Virginia USA, June 20-22
17. G. Chiarello  
**The Full Stereo Drift Chamber for the MEG II Upgrade**  
*14th Topical Seminar on Innovative Particle and Radiation Detector,*  
Siena, Italy, October 3-6
18. G. Chiarello, C. Chiri, G. Cociolo, G.Tassielli et al.  
**The CluTim algorithm: an improvement on the impact parameter estimates**  
*14th Topical Seminar on Innovative Particle and Radiation Detector,*  
Siena, Italy, October 3-6
19. Gabriele Chiodini  
**Measurements of heavy flavour production directly or in association**  
*International conference QCDLHC2016*  
Zurich, Switzerland, August 22-26
20. Gabriele Chiodini  
**A diamond active target for the PADME experiment**

*14th Topical Seminar on Innovative Particle and Radiation Detectors (IPRD16)*  
Siena, Italy, October 3-6

21. Gabriele Chiadini  
**The PADME experiment for dark mediator searches at the Frascati BTF**  
*14th Topical Seminar on Innovative Particle and Radiation Detectors (IPRD16)*  
Siena, Italy, October 3-6
22. Gabriele Chiadini  
**SiC applications for high luminosity LHC**  
*INFN Workshop - From Silicon to Silicon-Carbide detectors*  
INFN LNS Catania, Italy, 7-8 April 2016
23. Giampaolo Co'  
**Short-range correlations and Double-Beta Decay**  
*Lepton-Nucleus Scattering XIV*  
Marciana Marina, Italy, June 27 - July 1
24. Ilaria Colazzo  
**Radical braces and the Yang-Baxter equation**  
*International Conference Conference on Rings and Polynomials*  
Graz, Austria, July 3-8
25. Ilaria Colazzo  
**Regular subgroups of an affine group**  
*Meeting Group Theory in Florence - A meeting in honour of Guido Zappa*  
Florence, Italy, June 16-17
26. Maria Rita Coluccia  
**International Cosmic Day (ICD) a Lecce: progetto internazionale per gli istituti superiori.**  
*SIF - 102 Congresso Nazionale*  
Padova, Italy, September 26-30
27. Antonio Costantini  
**Strong Sector in non-minimal SUSY model**  
*8th International Workshop on Quantum Chromodynamics - Theory and Experiment (QCD-Work 2016)*  
Martina Franca, Italy, June 27-30
28. P. Davide Cozzoli  
**Plasmonic-Semiconductor Nanocrystals of Copper and Tungsten Chalcogenides: Colloidal Synthesis, Optical Properties and Their Conversion to Nanostructures of Other Functional Metal Chalcogenides**  
*ICCST-13 13th International Conference on the Chemistry of Selenium and Tellurium*  
Gifu, Japan, May 23 - 27
29. Marcella D'Elia  
**Spectroscopy studies of particulate minerals to understand**  
*102<sup>o</sup> Congresso della Società Italiana di Fisica*  
Padova, Italy, September 26-30
30. Mary De Feudis  
**Laser-induced graphitization of diamond for demanding applications in nuclear physics**  
*Fundamentals of Laser Assisted Micro- and Nanotechnologies (FLAMN)*  
St. Petersburg, Russia, June 27 - July 1

31. Mary De Feudis  
**Laser-induced graphitization of diamond for demanding applications in nuclear physics**  
*5th International School on Lasers in Materials Science - SLIMS*  
 Isola di San Servolo, Venice, Italy, July 10th - 17th
  
32. Domenico Delle Side  
**Quorum Sensing: la complessa relazione tra espressione genica e crescita batterica**  
*V Workshop "Plasmi, Sorgenti, Biofisica ed Applicazioni"*  
 Lecce, Italy, October 14-15
  
33. Ivan De Mitrì  
**The DAMPE experiment: first data from space**  
*RICAP2016: Roma International Conference on Astroparticle Physics*  
 Frascati, Italy, June 21-24
  
34. Ivan De Mitrì  
**The DAMPE space mission**  
*FERMI-LAT International Workshop*  
 Ostuni, Italy, ?? Sept.
  
35. Alberto Fachechi  
**On the cusp anomalous dimension in the ladder limit of N=4 SYM**  
*Integrability in Gauge and String Theory (IGST) 2016*  
 Berlin, Germany, Sept. 22
  
36. Vito Fasano  
**Improvement of morphological and optical properties in electrospun nanofibers produced in nitrogen atmosphere**  
*Electrospin 2016*  
 Otranto (Le), Italy, June 28 - July 1
  
37. Sergio Fonti  
**Further developments on the study of different spectra of the "same" cometary spot**  
*#13 VIRTIS Science Team Meeting*  
 Rome, Italy, July 4-6
  
38. Massimo Frittelli  
**Virtual Element Method for the Laplace-Beltrami equation on surfaces**  
*ECCOMAS 2016 (Eur. Congress on Comp. Methods in Appl Sc. and Eng.)*  
 Crete, Greece, June 5-10
  
39. Massimo Frittelli  
**Lumped finite elements for reaction-diffusion systems on stationary**  
*SDS 2016 Structural dynamical systems: computational aspects*  
 Capitolo, Italy, June 14-17
  
40. Massimo Frittelli  
**An invariant-region-preserving method for reaction-diffusion systems on surfaces**  
*ECMTB 2016 (10th Eur. Conf. on Mathematical and Theoretical Biology)*  
 Nottingham, UK, July 11-15
  
41. Carlo Giansante  
**The (dynamic) surface chemistry of colloidal PbS quantum dots**

*Symposium on the Surface Chemistry of Colloidal Nanocrystals*  
Amsterdam, NL, June 9

42. Carlo Giansante  
**The Dynamic Organic/Inorganic Interface of Colloidal PbS Quantum Dots**  
*Gordon Research Conference: Colloidal Semiconductor Nanocrystals*  
Mount Snow, West Dover, VT (USA), July 31 - August 5
43. Mosè Giordano  
**Timing analysis in microlensing**  
*V Italian-Pakistani Workshop on Relativistic Astrophysics*  
Lecce, Italy, July 21-23
44. Ernesto Giuffreda  
**Characterization of target current and particle beams in laser-produced plasmas**  
*V Workshop "Plasmi, Sorgenti, Biofisica ed Applicazioni"*  
Lecce, Italy, October 14-15
45. Luca Girlanda  
**Nuclear electroweak processes from Chiral Effective Field Theories**  
*Lepton-Nucleus Scattering XIV*  
Marciana Marina, Italy, June 27 - July 1
46. Edoardo Gorini  
**Supersymmetry Searches at ATLAS**  
*LHC Days in Split*  
Split, Croazia, September 19-24
47. Angelo Leo  
**Supporting magnonic multimode resonances of YIG using a 3D microwave cavity**  
*Materials 2016*  
Aci Castello, Catania, Italy, Dec. 14
48. Antonella Lorusso  
**Pulsed Laser Deposition of metallic photocathodes for S-band RF guns**  
*European Workshop on Photocathodes for Particle Accelerator Applications*  
Daresbury, UK, June 6 - 8
49. Francesca Mancarella  
**Laboratory measurements of mixtures for the interpretation of VIRTIS-M spectra of 67P/C-G**  
*XIII Congresso Nazionale di Scienze Planetarie*  
Bormio (SO), Italy, February 21 - 26
50. Daniele Martello for the Pierre Auger Collaboration  
**The Pierre Auger Observatory Status and the AugerPrime upgrade program**  
*ISVHECRI 2016 - International Symposium on very high energy cosmic ray interactions*  
Moscow, Russia, August 22-27
51. Luigi Martina  
**Structure preserving discretizations of nonlinear PDEs and their numerical tests**  
*Geometric and Analytic Theory of Hamiltonian Systems in Finite and Infinite Dimensions*  
Trieste, Italy, January 18-21
52. Luigi Martina  
**Structure preserving discretizations of the Liouville equation**

*Geometria è Fisica : a geometrical vision of Physics*  
Policeta (SA), Italy, July 11-13

53. Luigi Martina  
**Structure-preserving discretizations of nonlinear PDEs**  
*Doppler Institute-CRM Workshop on the occasion of 80th birthdays of Jiri Patera and Pavel Winternitz*  
Prague, Repubblica Ceca, 30/5-3/3/2016
54. Giuseppe Maruccio  
**Multipurpose lab on chip - From medical diagnostics to food and environmental monitoring**  
*Biosensors 2016*  
Gothenburg, Sweden, May 25-27
55. Carlo Marzo  
**Search for  $Z'Z'$ , vacuum (in)stability and hints of high-energy structures**  
*8th International Workshop on Quantum Chromodynamics - Theory and Experiment (QCD-Work 2016)*  
Martina Franca, Italy, June 27-30
56. Daniele Montanino  
**Limits on Cosmic ALPs Background from cosmic reionization**  
*Planck 2016, 19th International Conference From the Planck Scale to the*  
Valencia, Spain, May 23-27
57. Daniele Montanino  
**Limits on Cosmic ALPs Background from cosmic reionization**  
*Axion Dark Matter*  
Stockholm, Sweden, December 05-09
58. Vincenzo Nassisi  
**Mapping of accelerating field in LASER-plasma**  
*V Workshop "Plasmi, Sorgenti, Biofisica ed Applicazioni"*  
Lecce, Italy, October 14-15
59. Vincenzo Nassisi  
**Una panoramica sulla diagnostica dei fasci e dei campi**  
*V Workshop "Plasmi, Sorgenti, Biofisica ed Applicazioni"*  
Lecce, Italy, October 14-15
60. Achille Nucita  
**Astrometric microlensing**  
*Microlensing Workshop*  
Paris, France, Jan 13 15
61. Achille Nucita  
**Second order effects in Microlensing**  
*V Italian-Pakistani Workshop on Relativistic Astrophysics*  
Lecce, Italy, July 21-23
62. Federica Oliva  
**Bersaglio attivo in diamante per l'esperimento PADME**  
*PSBA 2016 - Plasmi, Sorgenti, Biofisica e Applicazioni*  
Lecce, Italy, October 14-15

63. Federica Oliva  
**Full carbon active target for PADME experiment**  
*IFAE2016 Incontri di fisica delle Alte Energie*  
 Genova, Italy, March 30 - April 1
64. Diego Pallara  
**Parabolic systems with unbounded coefficients**  
*Three days on Evolution PDEs*  
 Salerno, 27-29 aprile 2016
65. Cecilia Pennetta  
**Early indicators of desertification transitions**  
*26th Internat. Conf. on Statistical Phys., STATPHYS 26*  
 Lyon, France, July 18-22
66. Maria Rita Perrone  
**Nephelometer and aethalometer measurements at Lecce**  
*ACTRIS2 general meeting*  
 Frascati, Rome, Italy, Feb. 29 - March 04
67. Maria Rita Perrone  
**dependence on altitude of aerosol intensive parameters during dust outbreaks over the central mediterranean.**  
*DUST 2016, 2nd International Conference on Atmospheric Dust*  
 Castellaneta Marina (Ta), Italy, June 12-17
68. Maria Rita Perrone  
**Weekly periodicities of aerosol properties and impacts on irradiance measurements at the surface.**  
*EAC 2016, European Aerosol Conference*  
 Tours, France, September 04 - 09
69. Maria Rita Perrone  
**Aerosol optical properties by simultaneous nephelometer and aethalometer measurements.**  
*EAC 2016, European Aerosol Conference*  
 Tours, France, Sept. 04-09
70. Dario Pisignano  
**New light emission and transport properties in electrospun nanofibers**  
*International Conference of Electrospinning, ELECTROSPIN 2016*  
 Otranto, Italy, June 28 - July 1
71. Dario Pisignano  
**Nanopatterning and electrospinning technologies for organic materials and polymer nanofibers**  
*Annual Nanophotonics International Conference of the Photonics and Bionanotechnology Association (PANIC 2016)*  
 Wroclaw, Poland, April 18-20
72. Dario Pisignano  
**Control of photon transport properties in nanocomposite nanowires**  
*SPIE Photonics West*  
 San Francisco, CA (USA), February 13-18
73. Marina Popolizio  
**On the numerical solution of the time-fractional Schrödinger equation**

Workshop "Structural Dynamical Systems: Computational Aspects - SDS2016"  
Capitolo (Ba), Italy, June 14-17

74. Marina Popolizio  
**On the numerical solution of the time-fractional Schrödinger equation**  
*International Conference on Fractional Differentiation and its Applications*  
Novi Sad, Serbia, July 18-20
75. Margherita Primavera  
**ATLAS results on new physics searches**  
*TeV Particle Astrophysics 2016*  
CERN-Meyrin, Switzerland, September 12-16
76. Barbara Prinari  
**Discrete solitons for the focusing Ablowitz-Ladik equation with non-zero boundary conditions via inverse scattering transform**  
*2016 Canadian Mathematical Society Winter Meeting*  
Niagara Falls, ON, Canada, Dec. 2-5
77. Barbara Prinari  
**Discrete solitons for the focusing Ablowitz-Ladik equation with non-zero boundary conditions via inverse scattering transform**  
*4th Nonlinear Waves: Theory and Applications*  
Beijing, China, June 25-28
78. Barbara Prinari  
**Dark-bright soliton solutions with nontrivial polarization interactions for the three-component defocusing nonlinear Schrödinger equation**  
*AMS Spring Central Sectional Meeting*  
Fargo, ND, USA, April 16-17
79. Marco Pulimeno  
**Mergeable Frequent Summaries**  
*ICTCS 2016, 17th Italian Conference on Theoretical Computer Science*  
Lecce, Italy, September 7-9th
80. Vincenzo Resta  
**New evidences of complex behavior in lasing electrospun nanofibers**  
*Electrospin 2016*  
Otranto (Le), Italy, June 28 - July 1
81. Silvia Rizzato  
**Optimization of SAW devices for spintronic applications**  
*Materials 2016*  
Aci Castello, Catania, Italy, Dec. 15
82. Salvatore Romano  
**Identificazione del tipo di particolato al suolo attraverso le misure di un nefelometro integrale ed un etalometro.**  
*PM2016 (Convegno Nazionale sul Particolato Atmosferico)*  
Rome, Italy, May 17-20
83. Salvatore Romano  
**Improvement of the agreement of modeled and experimental desert dust radiative forcings by the refractive index optimization.**  
*DUST 2016, 2nd International Conference on Atmospheric Dust*  
Castellaneta Marina (Ta), Italy, June 12-17



84. Salvatore Romano  
**Aerosol type identification by intensive optical parameters from simultaneous nephelometer and aethalometer measurements.**  
*TECH-AIR 2016, Application of non-conventional analytical techniques to atmospheric particulate matter*  
 Lecce, Italy, November 07
85. Arcangelo Rossi  
**Federigo Enriques between popularization and scientific criticism**  
*36th National Congress of the Italian Society for the History of Physics and Astronomy*  
 Napoli, October 04–07
86. Carlo Sempi  
**Advances in copula theory**  
*Dependence Models & Copulas*  
 Salzburg, Austria, Sept. 19-22
87. Salvatore Siciliano  
**Some conditions on the principal one-sided ideals of a restricted enveloping algebra**  
*Algebra, Combinatorics, Dynamics and Applications*  
 Belfast, UK , August 29 - September 2
88. Paola Stefanelli  
**Radical braces over a field and the asymmetric product**  
*International Conference Conference on Rings and Polynomials*  
 Graz, Austria, July 3-8
89. Paola Stefanelli  
**Multiplicative group of a brace and the Yang-Baxter equation**  
*Meeting Group Theory in Florence - A meeting in honour of Guido Zappa*  
 Florence, Italy, June 16-17
90. Andrea Ventura  
**SUSY searches with the ATLAS detector**  
*Xth International Conference on the Interconnection between Particle Physics*  
 Sao Paulo, Brazil, July 11-15
91. Raffaele Vitolo  
**On the geometry of third-order homogeneous Hamiltonian operators**  
*Teorie geometriche e analitiche dei sistemi Hamiltoniani in dimensioni finite e infinite*  
 SISSA, Trieste, January 2016.
92. Raffaele Vitolo  
**Bi-hamiltonian equations of KdV type**  
*EPSRC Durham Symposium: Geometric and Algebraic aspects of Integrability*  
 Durham University, Durham, UK, July 25 - August 3.
93. Michela Zedda  
**Varietà Kaehler-Einstein proiettivamente indotte**  
*Workshop su variet reali e complesse*  
 SNS Pisa, Italy, January 21-23
94. Michela Zedda  
**The gradient moment map and analytical polystability**  
*Workshop complex geometry and Hamiltonian actions*  
 Parma, Italy, February 3-4