

## TALKS AT CONFERENCES AND WORKSHOPS

1. Giulia Alemanno  
**Martian fluvial systems: global mapping and spectroscopic analyses**  
*XIV Congresso Nazionale di Scienze Planetarie*  
Bormio, 04 - 09 Feb. 2018
2. Luciana Angiuli  
**On systems of parabolic equations with unbounded coefficients**  
*Semigroups of Operators: Theory and Applications*  
Kazimierz (POLONIA) dal 30 Sept. – 6 Oct.
3. Marco Anni  
**Photophysics of hybrid polymer-perovskite nanocrystals blends for light emitting devices applications**  
*European Optical Society Biennial Meeting (EOSAM) 2018*  
Delft, 8–12 Oct. 2018
4. Marco Anni  
**Efficient light amplification in the deep blue in thin films of a novel triphenylamine functionalized fluorene**  
*European Optical Society Biennial Meeting (EOSAM) 2018*  
Delft, 8–12 Oct. 2018
5. Adriano Barra  
**A walk in the world of Attractor Neural Networks**  
*AI-DAY@Northumbria University*  
Newcastle upon Tyne (UK) 25 Apr. 2018
6. Adriano Barra  
**A walk in the world of Attractor Neural Networks**  
*Statistical Mechanics in Neuroscience*  
Kavli Institute for Systems Neuroscience, Thrhondeim (Norway), 7 Dec. 2018.
7. P. Bernardini, on behalf of the DAMPE Collaboration  
**Main scientific results of the DAMPE mission**  
*26th Extended European Cosmic Ray Symposium and 35th Russian Cosmic Ray Conference*  
Barnaul & Belokurikha, Russia, 6-10 July, 2018
8. P. Bernardini, on behalf of the DAMPE Collaboration  
**Main scientific results of the DAMPE mission**  
*7th Roma International Conference on AstroParticle Physics*  
Rome, Italy, 4-7 Sept. , 2018
9. Vittorio Bilò.  
**The Price of Anarchy of Affine Congestion Games with Similar Strategies.**  
*19th Italian Conference on Theoretical Computer Science (ICTCS).*  
Urbino, 18-20 Sept. 2018

10. Vittorio Bilò.  
**On the Impact of Buyers Preselection in Pricing Problems.**  
*17th International Conference on Autonomous Agents and MultiAgent Systems (AAMAS)*  
 Stockholm, 10-15 July 2018
11. Giovanni Calvaruso  
**Pseudo-Riemannian g.o. and two-step g.o. spaces**  
*First Congress of Greek Mathematicians*  
 Atene (Grecia), 25-30 June 2018
12. Francesco Catino  
**The set-theoretic solutions of the pentagon equation**  
*Noncommutative and non-associative structures*  
 Il Gzira (Malta), 11–15 March 2018
13. Gabriele Chiodini  
**ATLAS Searches for Diboson Resonances**  
*26th International Conference on Supersymmetry and Unification of Fundamental*  
 Barcelona, 23-27 July 2018.
14. Gabriele Chiodini  
**Jet Substructure Measurements Sensitive to Soft QCD effects with the ATLAS Detector (POSTER)**  
*QCD@Work, International Workshop on QCD, theory and experiment*  
 Matera (Italia), 25-28 June 2018
15. F. Convenga for the Pierre Auger Collaboration  
**Upgrade dell'elettronica di Auger.**  
*104<sup>o</sup> Congresso Nazionale Societ Italiana di Fisica*  
 Arcavata di Rende, Italy, 17-21 Sept. 2018
16. Claudio Corianò  
**Exact correlators of conformal Ward Identities in momentum space and**  
*Corfù Summer Institute 2018*  
 Corfù, 31 Aug. – 9 Sept. 2018
17. Antonio De Benedittis for the DAMPE Collaboration  
**Proton energy spectrum with the DAMPE experiment**  
*104<sup>o</sup> Congresso Nazionale Società Italiana di Fisica*  
 Arcavata di Rende, Italia, 17-21 Sept. 2018
18. Antonio De Benedittis for the DAMPE Collaboration  
**Proton energy spectrum with the DAMPE experiment**  
*7th Roma International Conference on AstroParticle Physics*  
 Roma, Italia, 4-7 Sept. 2018
19. Marcella D'Elia  
**Laboratory study of kinetics and thermochemistry of carbonate decomposition under conditions relevant to planetology and astrobiology**  
*XIV Congresso Nazionale di Scienze Planetarie*  
 Bormio, 04 - 09 Feb. 2018
20. Marcella D'Elia  
**Kinetics and thermochemistry of carbonate mineral decomposition under condition relevant to planetology and astrobiology.**  
*104<sup>o</sup> Congresso della Societ Italiana di Fisica*  
 Cosenza, 17-21 Sept. 2018

21. Maria Luisa De Giorgi  
**Temperature dependent photoluminescence of quasi-2D  $\text{BA}_3\text{MA}_3\text{Pb}_5\text{Br}_{16}$**   
*4th International Conference on Perovskite Solar Cells and Optoelectronics - PSCO*  
 Lausanne, 30 Sept. - 2 Oct. 2018
22. Francesco De Paolis  
**Gravitational microlensing as a way to probe the halo dark matter nature**  
*Fifteenth Marcel Grossmann Meeting - MG15*  
 University of Rome "La Sapienza" - Rome, 1-7 July, 2018
23. Riccardo De Pascalis  
**A mathematical model for nonlinear viscoelastic materials**  
*60th Birthday Celebration: David Abrahams*  
 Isaac Newton Institute for Mathematical Sciences, Cambridge, UK, 13-14 Sept. 2018
24. Riccardo De Pascalis  
**On the quasilinear viscoelastic model**  
*Assemblea Scientifica Gruppo Nazionale per la Fisica Matematica*  
 Montecatini Terme, Italy - 4-6 Oct., 2018
25. Margherita Di Santo for the DAMPE Collaboration  
**Helium flux and elemental composition of galactic CR with the DAMPE space mission**  
*104<sup>o</sup> Congresso Nazionale Società Italiana di Fisica (SIF)*  
 Arcavata di Rende, Cosenza, Italia, 17-21 Sept. 2018
26. Margherita Di Santo for the DAMPE Collaboration  
**Helium flux and elemental composition of galactic CR with the DAMPE space mission**  
*7th Roma International Conference on AstroParticle Physics (RICAP18)*  
 Roma, 4-7 Sept. 2018
27. Luca Girlanda  
**EFT descriptions of few-nucleon systems**  
*XXII International Conference on Few-Body Problems in Physics*  
 Caen, France, 9-13 July 2018
28. Edoardo Gorini  
**Overview of ATLAS results and prospects for physics at the HL-LHC**  
*Triggering Discoveries in High energy Physics II (TD-HEP)*  
 Puebla (Messico) 29 Jan.- 1 Feb. 2018
29. Francesco G. Gravili  
**Ricerca di produzione diretta di  $\tilde{\chi}_1^+\tilde{\chi}_1^-$  con decadimento nel canale  $W^+\tilde{\chi}_1^0W^-\tilde{\chi}_1^0$  in stati finali con due leptoni al Run2 di LHC con l'esperimento ATLAS.**  
*104<sup>o</sup> Congresso Nazionale Società Italiana di Fisica*  
 Arcavata di Rende, Italy, 17-21 Sept. 2018
30. Antonio Leaci  
**Fractional Sobolev Spaces and Functions of Bounded Variation in One Variable**  
*PDE IN BARI, CELEBRATING THE 60TH BIRTHDAY OF ENRICO JANNELLI*  
 Bari, 1-2 February 2018
31. Antonio Leaci  
**Spazi di Sobolev frazionari e funzioni a variazione limitata in una variabile**  
*Equazioni di evoluzione: risultati recenti e prospettive*  
 Lecce, 18-19 Giugno 2018

32. Giovanni Marsella for the MATHUSLA Collaboration  
**Ultra long-lived particles search with MATHUSLA**  
*14th Pisa Meeting on Advanced Detectors*  
 La Biodola, isola d'Elba, Italia, May 27th - June 2nd 2018
33. Daniele Martello for the Pierre Auger Collaboration  
**AugerPrime: The Pierre Auger Observatory Upgrade**  
*2018 TeVPa Particle Astrophysics (2018)*  
 Berlin, Germany, 27-31 Aug. 2018
34. Gaetano Napoli  
**Curvature effects in two-dimensional nematic films**  
*Mathematics of Thin Structures*  
 Dresden (Germany), 26-28 Sept. 2018
35. Diego Pallara  
**Infinite dimensional gradient estimates for perturbed Ornstein–Uhlenbeck semi-groups in convex sets**  
*Evolution Equations and Partial Differential Equations on the occasion of the birthday of Gisèle Ruiz Goldstein*  
 Bari, 13 July 2018
36. Diego Pallara  
**Infinite dimensional gradient estimates for perturbed Ornstein–Uhlenbeck semi-groups in convex sets**  
*Stochastic Analysis and Nonlocal Partial Differential Equations*  
 Wrocław, 17 Sept. 2018
37. Lorenzo Perrone  
**Cosmic rays**  
*Using Particle Physics to Understand and Image the Earth, International School on Astroparticle Physics*  
 Ferrara (Italy), 2 - 12 July 2018
38. Margherita Primavera  
**Searches for sleptons with the ATLAS detector**  
*XXXIX International Conference in High Energy Physics (ICHEP2018)*  
 Seoul (South Korea) 4-11 July 2018
39. Salvatore Romano  
**Oxidative potential dependence on the chemical composition of PM2.5 and PM10 samples**  
*Convegno Nazionale sul Particolato Atmosferico (PM2018)*  
 Matera (Italia), 23-25 May 2018
40. Pierpaolo Savina for the Pierre Auger Collaboration  
**Search for neutrino and photon primary particles in the EeV region with the Pierre Auger Observatory.**  
*104<sup>o</sup> Congresso Nazionale Societ Italiana di Fisica*  
 Arcavata di Rende, Italia, 17-21 Sept. 2018
41. Salvatore Siciliano  
**Derivations of modular Lie algebras**  
*Non-associative algebras in Cadiz*  
 Cadiz (Spagna), 21-24 Feb. 2018

42. Stefania Spagnolo  
**Status of the PADME experiment**  
*XIII International Conference on Beauty, Charm and Hyperon Hadrons (BEACH 2018)*  
Peniche, Portugal, 17-23 June 2018.
43. Chiara Spina  
**Rellich inequalities for elliptic operators with unbounded coefficients**  
*Semigroups of Operators: Theory and applications*  
Kazimierz Dolny, 30 Sept. - 05 Oct. 2018.
44. Federico Tosi  
**La missione JUICE e la futura esplorazione dei satelliti galileiani ghiacciati: Complementarità e sinergie nel telerilevamento visibile e vicino infrarosso.**  
*XIV Congresso Nazionale di Scienze Planetarie*  
Bormio (SO), 04-09 Feb. 2018.
45. Andrea Ventura  
**Recent results from SUSY searches with ATLAS and prospects for the HL-LHC**  
*6th Symposium on Prospects in the Physics of Discrete Symmetries (DISCRETE 2018)*  
Vienna (Austria) 26-30 Nov. 2018
46. Raffaele Vitolo  
**Projective-geometric aspects of WDVV equations**  
*Dynamics Days in Loughborough*  
Loughborough University, UK, 3-7 Sept. 2018.
47. Raffaele Vitolo  
**Projective-geometric aspects of WDVV equations**  
*Local and nonlocal geometry of PDEs and integrability*  
SISSA, Trieste, 8-12 Oct. 2018.