

CURRICULUM VITAE of dr. ALDO MORSELLI

Dr. Aldo Morselli is Researcher of the INFN Section Roma Tor Vergata and Professor at the University of Roma Tor Vergata.

He was Co-Investigator in all the balloon flight campaign of the WiZard collaboration: MASS, MASS91, TS93 and Caprice and he was involved in the design and construction of four satellite experiments : NINA, PAMELA, AGILE and GLAST (now Fermi). He won with the Fermi Collaboration the 2011 Bruno Rossi Prize of the High Energy Astrophysics Division of the American Astronomical Society for enabling, through the development of the Large Area Telescope, new insights into neutron stars, supernova remnants, cosmic rays, binary systems, active galactic nuclei, and gamma-ray bursts and the 2012 Bruno Rossi Prize with the AGILE Team for the discovery of transient gamma-ray emission from the Crab Nebula. He entered in 2013 in the CTA Collaboration and he is now the coordinator of the CTA Dark Matter and New Physics working group.

He started and he is in the board of the Ricap and Shineghe conference series and in the board of ARAP, an association that promote fellowships for deserving students

Some publications related to the topic of the school:

Multi-messenger Observations of a Binary Neutron Star Merge

B.P. Abbott et al. (a lot of Collaborations)
The Astrophysical Journal Letters 848 L12 2017

FERMI observations of the LIGO event GW170104

A. Goldstein et al. (Fermi Collaboration)
The Astrophysical Journal Letter 846, L5

Constraints on Dark Matter with Gamma-Ray Experiments and Future Observational Strategies

A.Morselli
Front. Phys. 5:3. (2017)

The Fermi Galactic Center Gev Excess and Implications for Dark Matter

S.Abdollahi et al. (Fermi Collaboration)
The Astrophysical Journal 840:43 (34pp), 2017 May 1

Constraints on dark matter and future observational strategies with gamma-ray space experiments

Aldo Morselli
Nuclear and Particle Physics Proceedings 273–275 (2016) 383–388

Resolving the Extragalactic gamma-ray Background above 50 GeV with Fermi-LAT

M.Ackermann et al. (Fermi Collaboration)
Physical Review Letters 116, 151105 (2016)

Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi-LAT Data

M.Ackermann et al. (Fermi Collaboration)
Physical Review Letters 115, 231301

**The indirect search for Dark Matter from the centre of the Galaxy with the Fermi
LAT**

A.Morselli, B.Canadas, V.Vitale on behalf of the Fermi-LAT Collaboration
Il Nuovo Cimento Vol.34 C, N.3 Maggio-Giugno 2011 pg.311-316

More information on the scientific activity and the complete list of publications (~ 430) with the link to the published papers can be found in the web page <http://people.roma2.infn.it/~morselli/>