

15th AGILE Science Workshop

AGILE is 10

May 23-24, 2017, "Cassini" Conference Hall, ASI Headquarters, Rome

Scientific Program

May 23, 2017

11:00 – 11:20	R. Battiston, E. Flamini, B. Negri, F. D'Amico	<i>Welcome ASI</i>
11:20 – 11:35	M. Tavani	<i>AGILE: a Resilient and Evolving ASI Small Mission</i>
11:35 – 11:50	A. Argan	<i>AGILE's Secrets</i>
11:50 – 12:05	C. Pittori	<i>AGILE Data Center</i>
12:05 – 12:20	A. Bulgarelli	<i>AGILE Quicklook , APP, and the GW Effort</i>
Session 1: Galactic Astrophysics		
12:20 – 12:35	A. Giuliani	<i>Hadronic Cosmic-Ray Origin from AGILE's SNRs</i>
12:35 – 12:50	M. Cardillo	<i>W44: a Reference Source for Understanding the CR Origin</i>
12:50 – 13:50		<i>Lunch</i>
13:50 – 14:05	E. Striani	<i>Gamma-ray flares from the Crab Nebula: a review</i>
14:05 – 14:20	G. Piano	<i>Microquasars in the Cygnus Region</i>
14:20 – 14:35	E. Egron	<i>The Giant Radio Flares of Cyg X-3: the Link with the Gamma-Ray Emission</i>
14:35 – 14:50	P. Munar-Adrover	<i>The Black Hole Binary MWC 656</i>
Session 2: GRBs and Jets		
14:50 – 15:05	E. Del Monte	<i>GRBs with AGILE</i>
15:05 – 15:20	A. Ferrari	<i>Particle Acceleration in High-Energy Sources</i>
Session 3: AGILE 10th Birthday Celebration		
15:20 – 15:50	G. Barbiellini/G. DiCocco/E. Costa/P. Picozza/P. Caraveo	<i>The AGILE Story (I)</i>
15:50 – 16:10	F. D'Amico	<i>The AGILE Story (II)</i>
16:10 – 16:40	L. Zucconi, M. Muscinelli, A. Farese, V. Gualtieri, E. Alippi (et al.)	<i>The Italian Aerospace Industries Contributions to the AGILE Mission</i>
16:40 – 16:55	F. Paoletti	<i>AGILE: a Satellite among the Students</i>
16:55		10th Birthday Toast
19:30		Social Dinner at "Hotel Flora" Restaurant in Frascati

May 24, 2017

Session 4: Extragalactic Astrophysics

09:30 – 09:45	I. Donnarumma	<i>Highlights of AGILE Blazars</i>
09:45 – 10:00	L. Costamante	<i>Hot Problems of Gamma-Ray Blazars</i>
10:00 – 10:15	V. Vittorini/ M. Tavani	<i>Moving Mirrors and the Puzzle of PG 1553+113</i>
10:15 – 10:30	F. Longo	<i>High Energy Emission from GRB</i>

Session 5: Gravitational Waves

10:30 – 10:45	F. Verrecchia	<i>AGILE and GW Counterpart Searches</i>
10:45 – 11:00	F. Ricci	<i>GW Astronomy with Advanced LIGO and Virgo Detectors</i>
11:00 – 11:15	E. Brocato	<i>GRAWITA Search for Optical Counterparts to GW Events</i>
11:15 – 11:35		<i>Coffee Break</i>

Session 6: Terrestrial Studies

11:35 – 11:50	M. Marisaldi	<i>High-Energy TGFs</i>
11:50 – 12:05	A. Ursi	<i>TGF Update</i>
12:05 – 12:20	S. Dietrich	<i>Storms and TGFs</i>
12:20 – 12:35	M. Tavani	<i>TGFs and Airplanes: a Working Group</i>
12:55 – 13:55		<i>Lunch</i>

Session 7: AGILE and the Future

13:55 – 14:10	A. Antonelli	<i>Ground-based Cherenkov TeV Experiments</i>
14:10 – 14:25	P. Caraveo	<i>CTA: an Update and Development</i>
14:25 – 14:40	G. Di Sciascio	<i>Ground-Based TeV Experiments: North and South</i>
14:40 – 14:55	A. Morselli	<i>Gamma-Ray Astronomy and Dark Matter</i>
14:55 – 15:10	A. De Angelis	<i>The e-ASTROGAM Project</i>
15:10 – 15:30		<i>Coffee Break</i>
15:30 – 15:45	L. Amati	<i>The Transient High-Energy Sky and Early Universe Surveyor (THESEUS)</i>
15:45 – 16:00	F. D'Ammando	<i>The Connection between Radio and Gamma-Rays in AGN: towards the SKA Era</i>
16:00 – 16:15	P. Lipari	<i>Neutrinos</i>
16:15 – 16:30	F. Lucarelli	<i>AGILE and Neutrino Events</i>
16:30 – 16:45	P. Giommi	<i>OpenUniverse</i>
16:45 – 16:55	G. Barbiellini	<i>Conclusions</i>

POSTER SESSION

- A. Bulgarelli et al., The Second AGILE-GRID Catalog of High-Energy Gamma-Ray Sources
V. Fioretti et al., From AGILE to e-ASTROGAM: Geant4 Simulations in the Pair Regime
N. Parmiggiani et al., The “AGILE Dashboard” of the AGILE Real-Time Science Alert System