

## 11th AGILE Science Workshop

### ***"Gamma-Rays and Galactic Cosmic Rays"***

**May 16-17, 2013, aula "Cassini", ASI Headquarters (Tor Vergata)**

### **Scientific Program**

**May 16, 2013**

14.30-14.40	R. Mandolesi E. Flamini B. Negri	<b><i>Welcome</i></b>
14:40-15:00	S. Sabatini	<b><i>Microquasars</i></b>
15.00-15.20	N. Sahakyan	<b><i>Cygnus X-3, hadrons, neutrinos</i></b>
15.20-15.40	E. Striani	<b><i>Updating on the Crab Nebula</i></b>
15.40-16.00	A. De Luca	<b><i>HST imaging of the Crab Nebula during the 2013 March gamma-ray flare</i></b>
16.00-16.20	A. Ferrari	<b><i>Hydrodynamics of the Crab Nebula jet</i></b>
<i>Coffee Break</i>		
16:40-17:00	S. Yoshiike	<b><i>Molecular clouds observations with NANTEN2-NASCO project and gamma-ray SNRs</i></b>
17:00-17:20	M. Cardillo	<b><i>Data and modelling of the SNR W44</i></b>
17.20-17.40	G. Piano	<b><i>New results from the SNR Gamma-Cygni</i></b>
17.40-18.00	I. Donnarumma	<b><i>Reviewing AGILE results on blazars</i></b>
18.00-18.20	V. Vittorini	<b><i>Modelling the brightest event of 3C 454.3</i></b>

**May 17, 2013**

09.30-10.00	A. Giuliani	<b><i>Supernova Remnants, molecular clouds and gamma rays</i></b>
10:00-10:30	F. De Palma	<b><i>Fermi results</i></b>
10:30-11:00	P. Picozza	<b><i>PAMELA results and challenges</i></b>
11:00-11:30	R. Battiston	<b><i>AMS results</i></b>
<i>Coffee Break</i>		
11:50-12:15	G. Di Sciascio	<b><i>Detection of cosmic-ray anisotropies</i></b>
12.15-12.40	S. Pezzuto (on behalf of S. Molinari)	<b><i>CRs and star forming regions in our Galaxy</i></b>
12:40-13:05	E. Amato	<b><i>On the origin of the positron excess</i></b>
13:05-13:30	P. Blasi	<b><i>Gamma rays as a tool to unveil the origin of cosmic rays</i></b>
<i>Lunch</i>		
14:30-14:50	A. Vacchi	<b><i>Astrophysics and CRs with GAMMA-400</i></b>
14:50-15:10	F. Fuschino	<b><i>Terrestrial Gamma-Ray Flashes (TGFs): recent results</i></b>
15.10-15.30	A. Paccagnella	<b><i>Potential radiation effects on avionics electronics due to TGF</i></b>
15.30-15.50	F. Verrecchia (on behalf of F. Longo)	<b><i>GRBs</i></b>
15.50-16.10	P. Caraveo	<b><i>Prospects of CTA</i></b>
16:10-16:30	S. Vercellone	<b><i>The ASTRI program</i></b>
<i>Coffee Break</i>		
16:45-17:00	C. Pittori	<b><i>ASDC activities</i></b>
17:00-17:15	L. Stella	<b><i>LOFT</i></b>
17:15-17:35	A. Bulgarelli	<b><i>Alerts and APPs</i></b>
17:35-17:45		<b><i>Conclusions</i></b>