

15 - 17 Gennaio 2024

1st VHEgam meeting

LST proposals by the Italian community

Bologna, CNR Area Territoriale di Ricerca di Bologna
Via Piero Gobetti, 101, 40129 Bologna BO, Italia

<https://indico.ict.inaf.it/event/2657>

SOC:
P. Da Vela
A. Iuliano
S. Marchesi
D. Miceli
C. Righi

Some useful info

- Activities: (Indico webpage: [link](#))
 - Morning: 9.00 – 12.30 (Mon, Tue, Wed)
 - Afternoon: 14.00 – 18.00 (Mon, Tue)
- Round tables: Discussion on topic of interests, activities in different Physics WG for the Italian community with LST
- Coffee breaks: 10.30 – 11 and 16.15 - 16.45 in the tables in front of this room
- Lunch: 12.30 – 14.00 in the tables in front of this room (included)
- Dinner: not included, for tips ask locals (Paolo, Stefano, Ettore)

Timetable

Mon 15/01

09:00	<div><div>CTAO and CTA+: new opportunities for the scientific Italian community</div><div>Massimo Cappi</div><div>🔗</div></div> <div><div>Bologna</div><div>09:00 - 09:30</div></div> <div><div>CTA+ science</div><div>Paolo Da Vela</div><div></div></div> <div><div>Bologna</div><div>09:30 - 10:00</div></div>
10:00	<div><div>LST project</div><div>Martin Will</div><div>🔗</div></div> <div><div>Bologna</div><div>10:00 - 10:30</div></div> <div><div>Coffee break</div><div></div><div></div></div> <div><div>Bologna</div><div>10:30 - 11:00</div></div>
11:00	<div><div>The LST1 Commissioning</div><div>Alessio Berti</div><div>🔗</div></div> <div><div>Bologna</div><div>11:00 - 11:30</div></div> <div><div>LST science</div><div>Alessandro Carosi</div><div></div></div> <div><div>Bologna</div><div>11:30 - 12:30</div></div>
12:00	<div><div>Lunch break</div><div></div><div></div></div> <div><div>Bologna</div><div>12:30 - 14:00</div></div>
13:00	

14:00	<div><div>Galactic science with LST1</div><div>Pol Bordas</div><div></div></div> <div><div>Bologna</div><div>14:00 - 14:45</div></div>						
15:00	<div><div>Boomerang science with LST1</div><div>Franca Cassol</div><div></div></div> <div><div>Bologna</div><div>14:45 - 15:15</div></div> <div><div>Investigating the origin of galactic cosmic rays with CTA and CTA+</div><div>Gaia Verna</div><div></div></div> <div><div>Bologna</div><div>15:15 - 15:25</div></div> <div><div>Understanding pulsars and their environments at Very-High Energies</div><div>Giulia Brunelli</div><div>🔗</div></div> <div><div>Bologna</div><div>15:25 - 15:35</div></div> <div><div>SGR1935+2154</div><div>Gabriele Panebianco</div><div>🔗</div></div> <div><div>Bologna</div><div>15:35 - 15:45</div></div> <tr><td>16:00</td><td><div><div>TBD</div><div>Sofia Ventura</div><div></div></div><div><div>Bologna</div><div>15:45 - 15:55</div></div><div><div>TBD</div><div>Antonio Tutone</div><div></div></div><div><div>Bologna</div><div>15:55 - 16:05</div></div></td></tr> <tr><td>17:00</td><td><div><div>Coffee break</div><div></div><div></div></div><div><div>Bologna</div><div>16:15 - 16:45</div></div><div><div>Round table</div><div></div><div></div></div><div><div>Bologna</div><div>16:45 - 18:00</div></div></td></tr> <tr><td>18:00</td><td></td></tr>	16:00	<div><div>TBD</div><div>Sofia Ventura</div><div></div></div> <div><div>Bologna</div><div>15:45 - 15:55</div></div> <div><div>TBD</div><div>Antonio Tutone</div><div></div></div> <div><div>Bologna</div><div>15:55 - 16:05</div></div>	17:00	<div><div>Coffee break</div><div></div><div></div></div> <div><div>Bologna</div><div>16:15 - 16:45</div></div> <div><div>Round table</div><div></div><div></div></div> <div><div>Bologna</div><div>16:45 - 18:00</div></div>	18:00	
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18:00							

Timetable

09:00	Transients with LST <i>Bologna</i>	<i>Alessio Berti</i> 09:00 - 09:45
10:00	GRB Science with LST <i>Bologna</i>	<i>Davide Miceli</i> 09:45 - 10:15
	Neutrino Target of Opportunity for CTA <i>Bologna</i>	<i>Gloria Ciccari</i> 10:15 - 10:25
	Coffee break <i>Bologna</i>	10:25 - 10:55
11:00	Alternative tiling strategies for transient events <i>Bologna</i>	<i>Alessandro Vigliano</i> 10:55 - 11:05
	Insights into the physics of very high energy transient events with imaging atmospheric Cherenkov telescopes <i>Andrea Simongini</i>	
	Fundamental Physics <i>Bologna</i>	<i>Dr Francesco Gabriele Saturni</i> 11:15 - 12:00
12:00	IGMF with LST <i>Bologna</i>	<i>Paolo Da Vela</i> 12:00 - 12:30
13:00	Lunch break <i>Bologna</i>	12:30 - 14:00

14:00	Extragalctic with LST <i>Bologna</i>	<i>Mireia Nieves Rosillo</i> 14:00 - 14:45
15:00	PG 1553+113 science with LST <i>Bologna</i>	<i>Elisa Prandini</i> 14:45 - 15:15
	Investigating the Quiescent State of the TeV-emitting Radio Galaxy 3C 264 <i>Bologna</i>	<i>Ettore Bronzini</i> 15:15 - 15:25
	Long-term variability of VHE gamma ray flux of PKS 1510-089 using H.E.S.S. <i>Bologna</i>	<i>Sweta Menon</i> 15:25 - 15:35
	AGN variability study with current focus on HBL PKS2155-304 <i>Bologna</i>	<i>Lisa Nikolic</i> 15:35 - 15:45
	Long term study of the blazar S5 0716+714: investigating a turbulent jet at all wavelengths <i>Bologna</i>	<i>Franjo Podobnik</i> 15:45 - 15:55
16:00	Monitoring blazar variability with the Whole Earth Blazar Telescope (WEBT) <i>Bologna</i>	<i>Claudia Maria Raiteri</i>  15:55 - 16:05
	Probing the short-term variability in PG1553+113 with the LST <i>Bologna</i>	<i>Arishia Ruina</i> 16:05 - 16:15
	Coffee break <i>Bologna</i>	16:15 - 16:45
	TBD <i>Bologna</i>	<i>Giuseppe Silvestri</i> 16:45 - 16:55
17:00	Extragalactic sources: analysis of joint MAGIC + LST-1 observations <i>Bologna</i>	<i>Elisa Visentin</i> 16:55 - 17:05
	TBD <i>Bologna</i>	<i>Stefano Marchesi</i> 17:05 - 17:15
	Discussion <i>Bologna</i>	17:15 - 18:00
18:00		

Timetable

Wed 17/01

09:00	General discussion about VHEgam <i>Bologna</i>	<i>Chiara Righi</i> 09:00 - 09:30
	Other discussions <i>Bologna</i>	09:30 - 10:30
10:00	Coffee break <i>Bologna</i>	10:30 - 11:00
11:00	Conclusions <i>Bologna</i>	11:00 - 12:30
12:00		