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# LAT 1<sup>st</sup> Year Science Highlights and Collaboration Plans for Year 2 of Science Operations

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# Fermi LAT Collaboration

- **France**

- CEA/Saclay, IN2P3
- ASI, INFN, INAF

- **Japan**

- Hiroshima University
- ISAS/JAXA
- RIKEN
- Tokyo Institute of Technology

- **Sweden**

- Royal Institute of Technology (KTH)
- Stockholm University

- **United States**

- Stanford University (SLAC, KIPAC, and HEPL/Physics)
- University of California at Santa Cruz – SCIPP
- Goddard Space Flight Center
- Naval Research Laboratory
- Sonoma State University
- Ohio State University
- University of Washington

also members from Australia, Germany,  
Great Britain, Spain

## Sponsoring Agencies

Department of Energy

National Aeronautics and Space Administration

CEA/Saclay

IN2P3/CNRS

MEXT

KEK

JAXA

ASI

INFN

K. A. Wallenberg Foundation

Swedish Research Council

Swedish National Space Board

construction managed by  
SLAC National Accelerator Laboratory,  
Stanford University

Host for LAT Operations Center



# current collaboration demographics (Sept 2008)

Country	membership category		
	Full Member	Affiliated Scientist	Postdoc
<b>France</b>	<b>17</b>	<b>11</b>	<b>4</b>
CEA	5	4	1
CNRS/IN2P3	12	7	3
<b>Italy</b>	<b>22</b>	<b>28</b>	<b>15</b>
ASI	3.5	19	2
INFN	18.5	9	13
<b>Japan</b>	<b>8</b>	<b>4</b>	<b>5</b>
<b>Sweden</b>	<b>3</b>	<b>4</b>	<b>2</b>
<b>USA</b>	<b>59</b>	<b>41</b>	<b>23</b>
DOE	36	12	12
NASA	19	17	11
other	4	12	0
<b>Australia</b>		<b>1</b>	
<b>Germany</b>	<b>1</b>	<b>4</b>	<b>1</b>
<b>Great Britain</b>		<b>2</b>	
<b>Spain</b>	<b>1</b>		<b>2</b>
<b>Total</b>	<b>111</b>	<b>95</b>	<b>52</b>



# current collaboration demographics (Sept 2009)

Country	membership category		
	Full Member	Affiliated Scientist	Postdoc
<b>France</b>	<b>16</b>	<b>9</b>	<b>4</b>
CEA	4	3	1
CNRS/IN2P3	12	6	3
<b>Italy</b>	<b>23</b>	<b>26</b>	<b>18</b>
ASI	5	19	3
INFN	18	7	15
<b>Japan</b>	<b>9</b>	<b>6</b>	<b>4</b>
<b>Sweden</b>	<b>3</b>	<b>7</b>	<b>4</b>
<b>USA</b>	<b>64</b>	<b>50</b>	<b>29</b>
DOE	39	15	14
NASA	21	18	15
other	4	17	0
<b>Australia</b>		<b>1</b>	
<b>Germany</b>	<b>1</b>	<b>7</b>	<b>1</b>
<b>Great Britain</b>		<b>2</b>	
<b>Spain</b>	<b>1</b>		<b>2</b>
<b>Total</b>	<b>117</b>	<b>108</b>	<b>62</b>

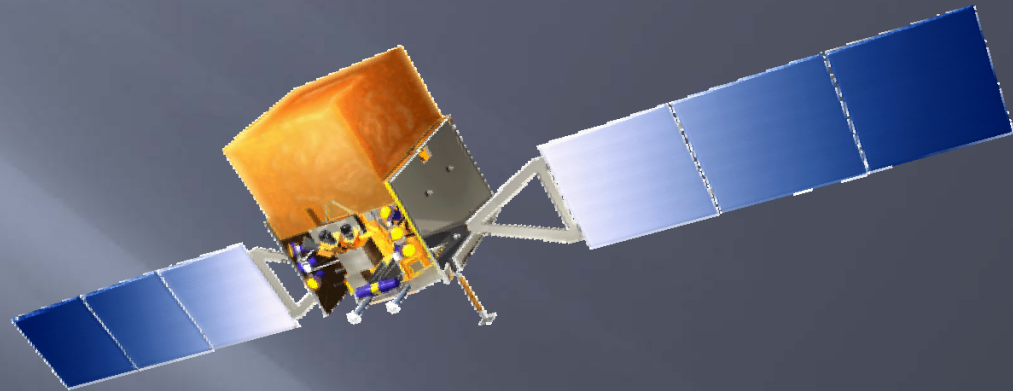


# LAT Collaboration science groups

LAT Science Group	Current Coordinators	Coordinators beginning October-November 2009
<b>Catalog</b>	Dave Thompson Isabelle Grenier mgr: J. Ballet	<a href="#">Dave Thompson</a> <a href="#">Isabelle Grenier</a> <a href="#">mgr. J. Ballet</a>
<b>Diffuse</b>	Troy Porter Andy Strong	Jean-Marc Cassadjan Marcus Ackermann
<b>Galactic Sources</b>	David Smith Eric Grove	<a href="#">David Smith</a> <a href="#">Eric Grove</a>
<b>Extragalactic Sources</b>	Gino Tosti Elisabetta Cavazutti Benoit Lott	<a href="#">Gino Tosti</a> <a href="#">Elisabetta Cavazutti</a>
<b>Gamma-ray Bursts</b>	Valerie Connaughton Fred Piron	<a href="#">Chip Meegan</a> <a href="#">Fred Piron</a>
<b>Solar</b>	Francesco Longo Igor Moskalenko	<a href="#">Francesco Longo</a> <a href="#">Igor Moskalenko</a>
<b>Dark Matter &amp; New Physics</b>	Jan Conrad Simona Murgia	<a href="#">Steve Ritz</a> <a href="#">Simona Murgia</a>
<b>Calibration &amp; Analysis</b>	Anders Borgland Luca Latronico	<a href="#">Anders Borgland</a> <a href="#">Riccardo Rando</a>

On January 1, Seth Digel will be the Analysis Coordinator

# Fermi has had a great year!



**Many new results from 1<sup>st</sup> year in orbit**

- Pulsars, globular clusters, binaries
- active galaxies, starburst galaxies, LMC
- gamma-ray bursts
- diffuse radiation and  $e^+e^-$  spectrum