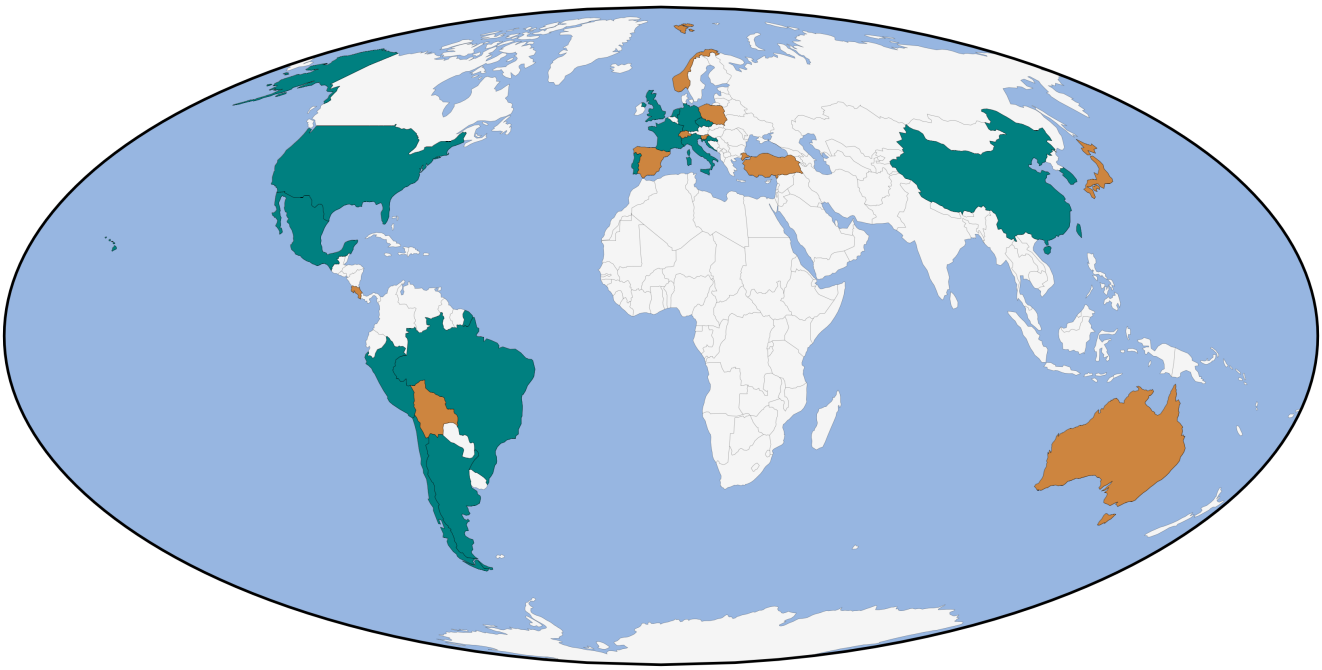
Collaboration

More than **90 research institutions** from **16 countries** have signed the agreement for the international R&D collaboration for a future wide field-of-view gamma-ray observatory in the southern hemisphere. The collaboration aims to develop, over the next three years, a detailed proposal for the implementation of such an observatory, including site selection and technology choices. The partner countries of the Southern Wide field-of-view Gamma-ray Observatory (SWGO) are Argentina, Brazil, Chile, China, Croatia, Czech Republic, France, Germany, Italy, Mexico, Netherlands, Peru, Portugal, South Korea, United Kingdom, United States, creating a worldwide community around the project. In addition, there are supporting scientists from 10 additional countries.



Spokespersons

Spokesperson: Jim Hinton

Vice-spokespersons: Petra Huentemeyer, Ulisses Barres

Working Group Coordinators

The current coordinators are:

- **Science**: Gwenael Giacinti email , Francesco Longo email & Ke Fang email
- **Detector**: Fausto Guarino email, Wayne Springer email & Richard White email
- **Analysis & Simulations**: Ruben Conceição email, Jonas Glombitza email & Andrew Smith email
- **Outreach & Communications**: Ana Pichel email, Osvaldo Aquines email & Arshia Ruina email

- **Site**: Dusan Mandat email & Marcos Santander email

Steering Committee

Countries in which institutes have signed the “Statement of Interest” in SWGO are asked to appoint a national representative to sit on the SWGO Steering Committee. The current membership of the steering committee is:

- Adrian Rovero (Argentina)
- Elisabete de Gouveia Dal Pino (Brazil)
- Claudio Dib (Chile)
- Hao Zhou (China)
- Marina Manganaro (Croatia)
- Jakub Vicha (Czech Republic)
- Marianne Lemoine-Goumard (France)
- Christopher Van Eldik (Germany)
- Andrea Chiavassa (Italy)
- Ibrahim Torres Aguilar (Mexico)
- Harm Schoorlemmer (Netherlands)
- Luis Otiniano (Peru)
- Mário Pimenta (Portugal)
- Chang Dong Rho (South Korea)
- Jon Lapington (UK)
- J. Patrick Harding (USA)

The Spokesperson and Vice-spokespersons are ex-officio members of the steering committee.

Institutes Per Country

Argentina

- División Partículas y Campos (CAB-CNEA)
- Facultad de Ciencias Exactas - Universidad Nacional de Salta
- Facultad de Ingenieria, Universidad Nacional de Salta
- Instituto Argentino de Radioastronomía (IAR)
- Instituto de Astronomía y Física del Espacio (IAFE, CONICET-UBA)
- Instituto de Física la Plata - CONICET/UNLP
- Instituto de Tecnologías en Detección y Astropartículas (ITEDA)

Brazil

- Centro Brasileiro de Pesquisas Físicas, Rio de Janeiro (CBPF)
- Escola de Artes, Ciências e Humanidades, Universidade de São Paulo (EACH-USP)
- Instituto de Astronomia, Geofísica e Ciências Atmosféricas, Universidade de São Paulo (IAG-USP)
- Instituto de Física de São Carlos, Universidade de São Paulo (IFSC-USP)
- Instituto Federal Fluminense, Rio de Janeiro (IFF)

- Observatório Nacional, Rio de Janeiro (ON)
- Universidade Estadual de Feira de Santana, Bahia (UEFS)
- Universidade Federal do Espírito Santo (UFES)

Chile

- Centro de Astronomía (CITEVA), Universidad de Antofagasta
- Centro de Ciencias Exactas, Universidad del Bío-Bío
- Universidad Adolfo Ibañez
- Universidad Andrés Bello (UNAB)
- Universidad de Chile
- Universidad de La Serena
- Universidad Metropolitana de Ciencias de la Educación (UMCE)
- Univ. Tecnica Federico Santa Maria
- Universidad Católica del Norte (UCN)
- Pontificia Universidad Catolica de Chile (PUC)
- Universidad Finis Terrae (UFT)

China

- Aerospace Information Research Institute, Chinese Academy of Science
- China University of Geosciences
- Hebei Normal University
- Institute of High Energy Physics, Chinese Academy of Science (IHEP, CAS)
- Ludong University
- Nanjing University
- Shandong University
- Sun Yat-Sen University
- Tsung-Dao Lee Institute, Shanghai Jiao Tong University
- Tsunghua University
- University of Science and Technology Beijing
- University of Science and Technology of China

Croatia

- University of Rijeka

Czech Republic

- Institute of Physics of the Czech Academy of Sciences (FZU)
- Palacky University Olomouc (UPOL)

France

- APC Paris Cité University
- LP2i University of Bordeaux

Germany

- Erlangen Centre for Astroparticle Physics - Universität Erlangen-Nürnberg
- Max Planck Institute for Nuclear Physics
- RWTH Aachen University
- TU Dortmund University, Department of Physics

Italy

- Department of Physics, University of Trieste
- Dipartimento di Fisica e Astronomia "E. Majorana", University Catania
- Dipartimento di Fisica, Università degli studi di Torino
- Dipartimento Interateneo di Fisica dell'Università e del Politecnico di Bari
- Istituto Nazionale di Astrofisica (INAF)
- Politecnico di Milano
- Univeristà degli Studi di Napoli "Federico II" - DIpartimento di Fisica
- Università degli Studi di Roma "Tor Vergata" - DIpartimento di Fisica
- Università IUAV di Venezia
- University of Padova, Department of Physics and Astronomy & INFN Padova
- University Perugia
- University Siena
- University Udine

Mexico

- Benemérita Universidad Autónoma de Puebla
- Centro de Investigación en Computación. Instituto Politécnico Nacional
- Facultad de Ciencias en Física y Matemáticas UNACH
- Instituto de Astronomía (IA-UNAM)
- Instituto de Ciencias Nucleares (ICN-UNAM)
- Instituto de Fisica, UNAM (IF-UNAM)
- Instituto de Geofísica UNAM
- Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE)
- Tecnologico de Monterrey
- Universidad Autónoma del Estado de Hidalgo (UAEH)
- Universidad de Guadalajara
- Universidad de Monterrey (UDEM)
- Universidad Michoacana de San Nicolas de Hidalgo
- Universidad Politécnica de Pachuca (UPP)

Netherlands

- Institute for Mathematics, Astrophysics and Particle Physics (IMAPP), Radboud University Nijmegen

Peru

- Comisión Nacional de Investigación y Desarrollo Aeroespacial del Perú (CONIDA)
- National University of Engineering
- Pontificia Universidad Católica del Perú
- Universidad Nacional de Moquegua
- Universidad Nacional de San Agustin de Arequipa
- Universidad Nacional de San Antonio Abad del Cusco
- Universidad Nacional Mayor de San Marcos

Portugal

- Laboratório de Instrumentação e Física Experimental de Partículas (LIP)

South Korea

- Department of Physics, University of Seoul
- Department of Physics, Sunkyunkwan University

United Kingdom

- Durham University
- University of Leicester
- University of Liverpool
- University of Oxford

United States of America

- Los Alamos National Lab
- Michigan State University
- Michigan Technological University
- Pennsylvania State University
- University of Alabama
- University of Maryland
- University of Wisconsin-Madison
- University of Utah
- Washington University in St Louis
- Stanford University
- University of Rochester
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