

# SECOND CIRCULAR





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12th European Geopark Conference

# Geoparks:

an innovative approach to raise public awareness about geohazard, climate change and the sustainable use of our natural resources

4-6 September 2013 Cilento and Vallo di Diano Geopark Italy





# Introduction

Cilento and Vallo di Diano Geopark has the honor of hosting the 12th European Geoparks Conference (fig. 1), when the global development strategies of the Earth Sciences assume an important role in the world. The geo-hazards and climate change hardly affect all human activities and can strongly condition the future of humanity. Infact, life, property, economic and financial losses due to natural hazards and the impact of disasters on society have both increased dramatically over the last couple of decades. Scientists - both physical and social-, policy makers, insurance companies, disaster managers, and the public themselves, have different ways for understanding natural geo-hazards and sustainable use of natural resources.

This conference aims to:

1. verify how Geoparks can direct the scientific knowledge of the academic community on these items;

2. understand how the Geoparks address these issues in the educational system;

3. disseminate the role of Geoparks on the public awareness and sustainable use of natural resources.







#### Fig.1 European Geoparks Network Map

1. Réserve Géologique de Haute Provence – France; 2. Vulkaneifel European Geopark – GERMANY; 3. Petrified Forest of Lesvos – GREECE; 4. Maestrazgo Cultural Park – Aragon, SPAIN; 5. Psiloritis Nature Park – GREECE; 6. Terra.Vita Nature Park – GERMANY; 7. Copper Coast Geopark- IRELAND; 8. Marble Arch Caves European Geopark- NORTHERN IRELAND, UK; 9. Madonie Geopark - ITALY; 10. Rocca di Cerere – ITALY; 11. Nature Park Steirische Eisenwurzen – AUSTRIA; 12. Nature Park Bergstrasse Odenwald – GERMANY; 13. North Pennines AONB – ENGLAND, UK; 14. Park Naturel Régional du Luberon – FRANCE; 15. North West Highlands – SCOTLAND, UK; 16. Geopark Swabian Albs – GERMANY; 17. Geopark Harz Braunschweiger Land Ostfalen Geopark – GERMANY; 18. Hateg Country Dinosaurs Geopark - ROMANIA; 19. Beigua Geopark - ITALY; 20. Fforest Fawr Geopark - WALES, UK; 21. Bohemian Paradise Geopark – CZECH REPUBLIC; 22. Cabo de Gata – Nijar Nature Park – Andalucia, SPAIN; 23. Naturtejo Geopark – PORTUGAL; 24. Sierras Subbeticas Nature Park – Andalucia, SPAIN; 25. Sobrarbe Geopark – Aragon, SPAIN; 26. Gea Norvegica – NORWAY; 27. Geological, Mining Park of Sardinia – ITALY; 28. Papuk Geopark – CROATIA; 29. English Riviera Geopark – ENGLAND, UK; 30. Adamello – Brenta Nature Park – ITALY; 31. Geo Mon – WALES, UK; 32. Arouca Geopark – PORTUGAL; 33. Shetlands – SCOTLAND, UK; 34. Chelmos Vouraikos – GREECE; 35. Novohrad - Nograd Geopark - HUNGARY and SLOVAKIA; 36. Magma Geopark – NORWAY; 37. Basque Coast Geopark, Pais Vasco - SPAIN; 38. Parco Nazionale del Cilento e Vallo di Diano, Campania - ITALY; 39. Rokua Geopark – FINLAND; 40. Tuscan Mining Park – ITALY; 41. Vikos – Aoos Geopark – GREECE; 42. Muskau Arch Geopark -GERMANY/POLAND; 43. Sierra Norte de Sevilla Natural Park, Andalucia – SPAIN; 44. Burren and Cliffs of Moher Geopark - REPUBLIC OF IRELAND; 45. Katla Geopark - ICELAND; 46. Massif du Bauges Geopark - France ; 47. Apuan Alps Geopark - ITALY; 48. Villuercaas-Ibores-Jara Geopark – SPAIN; 49. Carnic Alps Geopark – AUSTRIA; 50. Chablais Geopark – FRANCE; 51. Central Catalunya Geopark – SPAIN; 52. Bakony-Balaton Geopark – HUNGARY; 53. Azores Geopark – PORTUGAL; 54. Karavanke/Karawanken -**SLOVENIA & AUSTRIA** 





# 12th European Geoparks Conference site: Location

The 12th European Geoparks Conference will be held in Ascea-Velia-Elea, village located along the coast of the Cilento, Vallo Diano and Alburni National Park-Geopark, in the Campania Region southern Italy (fig.2).



Figure 2: Location of Cilento, Vallo Diano and Alburni National Park-Geopark and Ascea-Velia-Elea





# 12th European Geoparks Conference Motivation

In present day, Ascea is a modern, touristic village surrounding the Archaeological Park of the ancient Greek city "Elea", renamed as "Velia" by the Romans, one of the "cradle" of the western philosophy and civilization, by Parmenides and Zenone, recently named in UNESCO world heritage. The choice of the Conference location is not casually done.

The long and complex Ascea-Velia-Elea history represents both the first cultural, social and economics global "network" in the ancient world and testify an actual "paradigm" of cohabitation between human society and geo-hazards. In fact, Since its foundation, the town experienced natural disaster due to landslides, inundations, earthquakes, probably tsunamy's conditioning its social and economic development. Tradition tells us how Parmenide, as nature philosopher understood type and dynamics of local geohazards, as teacher raised public awareness and, finally, as politics maker suggested planning and design measures for natural risk mitigation.

Therefore, as stated by Coordination Committee of EGN held in Oruca (Portugal), in the September 2012, the aims of the 12th European Geoparks Conference is *exactly* to how Geoparks can allow "*an innovative approaches for raise public awareness on geohazards, climate changes and sustainable uses of geo-resources*".

Therefore, starting from the great idea of the Conference "Raising of the Public Awarness", the Program will comprise general sessions on the main topics : "Geohazards", "Climate Change" and *"Sustainable uses of geo-resourses", each with related* thematic oral sessions with invited speakers as well as selected oral presentations and poster sessions on "Research", "Education" and "Dissemination" experienced in or proposed for the Global and European Geopark Network.

# **Place and dates**

The 12th European Geoparks Conference will be held at Alario Foundation in ASCEA MARINA, Province of Salerno - Campania Region - Italy

4. - 5. September 2013 EGN Conference, Alario Foundation

6. September 2013 Field trip in Cilento and Vallo di Diano Geopark

7. September 2313 Field trip post conference in Cilento and Vallo di Diano Geopark

There will be a daytrips to different geological attractions, outside geosciences laboratory, together with local history, culture and traditional food.

Insurance and liabilities of participants in the 12th European Geoparks Conference field trips – neither the 12 EGN Conference organization, not the excursion leaders or their affiliations, shall assume any liability for possible accidents or any loss incurring the participants of the excursions.





# Organizers

The 12th European Geoparks Conference is organized by National Park of the Cilento, Vallo di Diano Geopark in collaboration with European Geoparks Network and Global Geoparks Network. The Conference sessions will be credited for Italian geologist.

# Scientific Committee

# **Conference Chair**

Aniello Aloia, Geopark Manager of the National Park of Cilento and Vallo Diano Geopark, Italy

# **Scientific Board**

Domenico Calcaterra (Coordinator), Department of Earth Sciences, Environment and Resources, University of Napoli Federico II; European Federation of Geologists, Italy Lala Andrianaivo, African Geoparks Network, Madagascar Asfawossen Asrat, School of Earth Sciences, Addis Ababa University; African Geoparks Network & Geological Society of Africa, Ethiopia Mario Bentivenga, Italian Society of Environmental Geology (SIGEA) - Italy Vittorio Bovolin, Department of Civil Engineering, University of Salerno- Italy Maurizio Burlando, Beigua Geopark- Italy Francesco Chiaramonte, Rocca di Cerere Geopark, Italy Vitor Correia, President-elect European Federation of Geologists, Portugal Angelo De Vita, Director of the National Park of Cilento and Vallo di Diano, Italy Luca Demicheli, EuroGeoSurveys, Belgium Claudia Eckhardt, Bergstrasse Odenwald Geopark, Germany Ezzoura Errami, Chouaïb Doukkali University; African Geoparks Network & African Association of Women in Geosciences, Morocco Gilberto Pambianchi, President Italian Association of Physical Geography and Geomorphology (AIGEO), Italy Pierluigi Furcolo, Department of Civil Engineering, University of Salerno, Italy Maria Cristina Giovagnoli, Institute for the Protection and Environmental Research (ISPRA) Rome, Italy Francesco Maria Guadagno, President of Italian Association of Engineering and Environmental Geology (AIGA), Italy





Domenico Guida, Cilento and Vallo di Diano Geopark Scientific Committee- Department of Civil Engineering, University of Salerno, Italy Maurizio Lazzari, Italian Association of Geology and Tourism (G&T), Italy Maria Teresa Lettieri, Institute for the Protection and Environmental Research (ISPRA) Rome, Italy Pasquale Li Puma, Madonie Geopark, Italy Patrick Mc Keever, Chief of Division of Ecological and Earth Sciences and European and Global Geoparks Network UNESCO, France Guy Martiny, Reserve Geologique de Haute-Provence, France Vincenzo Morra, Head of Department of Earth Sciences, Environment and Resources, University of Napoli Federico II, Italy Setsuya Nakada, University of Tokyo, Japan Anna Paganoni, Italian Association of Geology and Tourism (G&T); Geoitalia, Italian Federation of Earth Sciences, Italy Martina Paskova, Bohemian Paradise Geopark, Czech Republic Joan Poch, Universitat Autonoma de Barcelona and Geopark Costa Vasca, Spain Tony Ramsay, Fforest Fawr Geopark, Wales UK Kristin Rangnes, Geo Norvegica Geopark, Norway Artur Abreu Sà, University of Tràs-os-Montes e Alto Douro, AGA - Arouc Geopark Association, Portugal Andreas Schueller, Vulkaneifel Geopark, Germany Alessio Valente, National Research Group for Coastal Environment issues, Italy Renzo Valloni, Department of Civil Engineering, Environmental, Land and Architecture, University of Parma, Italy Nickolas Zouros, Coordinator of European Geoparks Network- University of the Aegean, Lesvos Geopark, Greece

# **Organizing Committee**

Aniello Aloia, Coordinator, Cilento and Vallo di Diano Geopark, ItalyMariana Amato, Science Department of Cultivation Systems, Forestry and EnvironmentUniversity of Basilicata, Italy

*Alessandra Ascione,* Department of Earth Sciences, Environment and Resources, University of Napoli Federico II, Italy





Sergio Bravi, Department of Earth Sciences, Environment and Resources, University of Napoli Federico II, Italy Albina Cuomo, University of Salerno, Italy Angelo De Vita, Cilento and Vallo di Diano Geopark, Italy Pantaleone De Vita, Department of Earth Sciences, Environment and Resources, University of Napoli Federico II, Italy Umberto del Vecchio, Italian Speleologic Federation, Italy Francesco Fiorillo, Department of Geological and Environmental Studies, University of Sannio, Italy Paola Romano, Department of Earth Sciences, Environment and Resources, University of Napoli Federico II, Italy *Marco Rocco*, Italian Speleologic Federation, Italy Nicoletta Santangelo, Department of Earth Sciences, Environment and Resources, University of Napoli Federico II, Italy Vincenzo Siervo, University of Salerno, Italy Sebastiano Perriello Zampelli, Department of Earth Sciences, Environment and Resources, University of Napoli Federico II, Italy

### Administrative Secretariat

Staff of National Park of Cilento, Vallo di Diano and Alburni – European Geopark, Italy: Piazza S. Caterina 8 84078 Vallo della Lucania (SA) - Tel: +3909747199246 - Fax +3909747199217 - C.F. 9300799 0653 – <u>info@egnconference2013.cilentoediano.it</u> <u>a.aloia@cilentoediano.it</u>





#### PRELIMINARY PROGRAM

#### **GENERAL SESSIONS**

#### Main Topics:

1. **Geoparks and Geo-hazards**: they are potential threats to humans that begin with and are transmitted through the Earth's natural environment. Natural geohazards include earthquakes, volcanoes, tsunamis, landslides and floods. The session will focus on the human role in geo-hazards, including political, social and economic factors. The financial losses and related impact on society of natural disasters have increased dramatically over the last decades

In this session will discusses the following themes:

- 1.1 Geo-hazards in Geoparks: innovative research and reliable monitoring systems
- 1.2 Geoparks as an educational instrument on geo-hazard consciousness
- 1.3 Geoparks as references for strategies of rational territorial management
- 2. **Geopark and Climate Change**: climate change is no longer a scientific curiosity and one of the many regulatory concerns. It is the major, overriding environmental issue of our time, and the single greatest challenge facing environmental regulators. The shifting weather regimes threaten food production through change of rainfall patterns, the rising sea-level contaminates coastal freshwater reserves and increases the risk of catastrophic flooding, and so on. The session will discuss the following themes from the viewpoint of their effects on Geoparks:
  - 2.1. Frontier research and monitoring systems;
  - 2.2. Impact of climate change on Geoparks natural environment and mitigation strategies;
  - 2.3. Geosites as a natural laboratory for the educational challenge to climate change.





- 3. **Sustainable use of our natural resources in Geoparks**: the geological heritage is the key for the understanding of the environment and the sustainable use of water and other natural resources and is crucial for the responsible use of land. The session will discuss the following themes:
  - 3.1. The conservation of geodiversity and biodiversity: a common role for the sustainable use of natural resources;
  - 3.2. Best practices in geotourism and geoconservation: coupling promotion and protection of geosites, nature-tourism for the economic development of Geoparks;
  - 3.3. Information and communication practices: info-boards, guided tours, virtual museums, publications, websites and webgis.
  - 3.4 Geoparks and Intagible heritage
- 4. Education and comunication in the geoparks: organization of educational programmes on natural hazards and the limited nature of natural resources, communication strategies to support Geoparks and geosites, classification and organization of geosites.
- 5. Geoparks and international cooperation and Sustainable Tourism: agreements between Geoparks, interinstitutional cooperation and the actions and the indicators of sustainable tourism development in Geoparks.
- 6. Geoheritage and Geotourism in Africa: A tool for sustainable development: In the current years where in many parts of the world the economic development is mostly driven by large scale exploration and exploitation of earth resources, sustainable development could be at risk without coordinated efforts to preserve our geoheritage. It is now largely recognized that earth systems are closely linked to the history of human development, by providing natural resources and a sense of place, with aesthetic, historical, cultural and religious values. It is now time that this attainment be recognized in Africa, a continent strewn with a rich and diversified geoheritage which should be conserved and used for a sustainable tourism. This session aims to promote the African geoheritage and to share with the international community the work in progress related to geoheritage, geoconservation, geoparks and geotourism. It is hoped that the results of the resolution passed at the Conference will provide the scientific basis for policy makers to define the necessary legislation, policy and regulations to select and dictate priorities among the most important geoheritages and geosceneries of the continent for geoconservation programs





and for the establishment of geoparks. This session welcomes original research as well as review papers on the topics above.

7. **Aspiring Geoparks:** presentation of geopark projects, guidelines for the establishment of Geoparks in the EGN

#### Special Symposia

- 1. Karst System Management in to the Geoparks and speleology
- 2. Coastal Geoparks
- 3. Volcanic Geoparks
- 4. Ice Age Geoparks
- 5. Geoparks and Mining Heritage
- 6. Geoparks and Paleontological heritage
- 7. Geoparks and intangible heritage

# PRELIMINARY PROGRAM







# **Conference registration & submission of papers**

Colleagues wishing to attend the 12th European Geoparks conference must fill in and return the registration form via website. <u>http://egnconference2013.cilentoediano.it</u>

### **Manuscripts preparation**

### Manuscripts

Full manuscripts to be submitted by <u>May 1, 2013</u> will be peer-reviewed and published in the Proceedings of the 12<sup>th</sup> European Geopark Conference. All editorial details will be provided in the internet site www. egnconfernce2013.cilentoediano.it.

The electronic format of the volume will be distributed at the conference.

### Posters

Poster boards maximum dimensions are: width 84 cm and height 119 cm (A0 format). Each poster board will have a desk for placing personal laptops (EU-type power sockets) for supplementary PowerPoint or video presentations. The abstract and related submission form specifying the title of the poster must be submitted by **May 1, 2013**.

Title of the presentation and the manuscript should be submitted via e-mail by **01st May, 2013.** On the website you can find the instructions and the format.

A selection of the manuscripts will be printed in the Rendiconti Online della Società Geologica Italiana, an electronic journal of the Italian Geological Society.

If you have questions please do not hesitate to contact the conference secretary (address below).

### **Conference Secretary**

Submission of abstracts and papers should be addressed to: e-Mail : <u>info@egnconference2013.cilentoediano.it</u> <u>a.aloia@cilentoediano.it</u> Cilento and Vallo di Diano Geopark Piazza S. caterina 8- 84078 Vallo della Lucania (SA) Tel +3909747199246 fax +3909747199217 ITALY





# **Registration Fee**

The fee includes the Abstract and full manuscripts E-Book, promotional materials, coffee-break refreshments, ice breaker lunch- dinner, opening and closing ceremonies and social events organized at the conference

Regular	Accompaning	Students*
	person	
200.00€	150.00€	150.00€
250.00€	200.00€	200.00€
300.00€	250.00€	250.00€
	200.00 € 250.00 €	person   200.00 € 150.00 €   250.00 € 200.00 €

\*Please enclose/show proof of status (eg. University certificate of attendance, University card)

The registration fee for field trip is 50€ for day (see the options and the description of field trips) on the website <u>http://egnconference2013.cilentoediano.it</u>.)

Participants are required to pay registration fees by bank transfer before July 30, 2013(see address below and the attached payment form). Refund will be charged by 25% deduction. No refund will be made after August 15, 2013.

The registration fees should be paid via bank transfer to Banco Posta in favour of "Ente Parco Nazionale del Cilento, Vallo di Diano e Alburni" (IBAN: IT92R0760115200000074328014 - Swift Code: BPPIITRRXXX) specifying: "EGN Conference 2013". Banking fees have to be settled by the remitter.

### Payment:

The payment must be made, in the registration moment, by bank transfer.

- Please note that all bank costs and money transfer costs must be prepaid by the registrant. So, be sure to pay all fees charged from your bank. We must receive your wire transfer amount in full.
- The order of payment should include your name as the issuer of the transference.
- After registration the participants must send proof of payment to the Conference Secretary by the e-mail <u>info@egnconference2013.cilentoediano.it</u> <u>a.aloia@cilentoediano.it</u>





# **Deadlines Summary and important dates**

Authors deadlines

May 1, 2013	manuscript submission		
May 31, 2013	manuscript review to authors		
June 30, 2013	Final manuscript submission		
July 15, 2013	Notification of paper acceptance		

# **Registration deadlines**

September 4-6, 2013	EGN 2013 Conference
July 30, 2013	Closed registration
After June 15, 2013	Late Registration
June 15, 2013	Regular registration Hotel booking Field trip registration
May 1, 2013	Early Registration Hotel booking Field trip registration





# Accomodation

Here below you can find a list of hotels in Ascea and in the nearby (maximum up to 5 min. away). During the Conference will be available a permanent transfer service from place of conference (Alario foundation) to the hotels of the participants. A special rate for accommodation will be negotiated by the Organizing Committee to participants of 12 EGN Conference.

The organization will book the hotel that you have chosen and each participant will pay directly to the hotel. It is important that indicate three hotels in order of priority because every hotel has a limited number of rooms made available to.

CATEGORY	HOTEL	ADDRESS	CONTACT	SINGLE ROOM	DOUBLE ROOM
****	MagicoMar Hotel	Viale Esperia, 84046 Ascea loc. Marina (Sa)	Tel./Fax + 39 974 972778 - www.magicomarhotel.it; info@magicomarhotel.it	€ 75	€ 55
***	Hotel Olimpia	Via delle Sirene, 84046 Ascea loc. Marina (Sa)	Tel. + 39 974 972090 - www.villaggiolimpia.com info@villaggiolimpia.it	€ 70	€ 50
***	Hotel Bacco	Via delle Sirene n° 11, 84046 Ascea loc. Marina (Sa)	Tel. + 39 974 972389 - www.hotelbaccocilento.it info@hotelbaccocilento.it	€ 50	€ 40
***	Albergo Elea	c.so Elea nº 69, 84046 Ascea loc. Marina (Sa)	Tel. + 39 974 971577 - www.albergoelea.it info@albergoelea.it	-	€ 40
****	Hotel Porta Rosa	Viale Magna Grecia, 84046 Ascea loc. Marina (Sa)	Tel. + 39 0974 972024 - www.hotelportarosa.it info@hotelportarosa.it	€ 50	€ 40
****	Villa Marelea	Viale Magna Grecia, 84046 Ascea loc. Marina (Sa)	Tel. + 39 974 971945; 338 4428475 - www.villamarelea.it villamarelea@libero.it	-	€ 45
***	Villa Maredona	Via Nettuno, 84046 Ascea loc. Marina (Sa)	Tel. + 39 974 350806; 388 6911647 - www.villamaredona.it prenotazioni@villamaredona.it	€ 50	-





	Instile Aparthotel	Via Chiusa - 84046 Ascea (Sa)	Tel. + 39 335 453620 Fax +39 0974 977024 www.instileaparthotel.it info@instileaparthotel.it	€ 60	€ 30
	Il ritrovo di Parmenide	Viale Parmenide - 84046 Ascea loc. Marina (Sa)	Tel. + 39 0974 971857 - www.ilritrovodiparmenide.it info@eleacongressi.it	€ 35	€ 40
***	Victoria Resort	Via Porta di Rosa, 49 - 84046 Ascea loc. Marina (Sa)	Tel. + 39 0974 971640 - www.victoriaresort.it info@victoriaresort.it	€50	€ 40
***	Hotel Leucosya	Via Donna Sabella. 1 - 84040 - Casalvelino Marina (Sa)	Tel. + 39 0974 907611 - www.leucosyahotel.it info@leucosyahotel.it	€ 60	€ 42
****	Residence Oliveto a Mare	Viale del Sole, Ascea (SA)	Tel. + 39 0974 972573 - 338 6083806 - www.olivetoamare.it info@olivetoamare.it	€ 60	€ 45
****	Hotel Stella Maris	Via Velia 156 - 84040 Casalvelino Marina (Sa)	Tel. + 39 0974 907040 - 907723 - www.hotel-stella- maris.com; info@hotel-stella- maris.com	€ 64	€ 49
	Country House Oasi del Fauno	Casal Velino (Sa)	Tel. + 39 0974 270632 - 3384125241	€ 45	€ 35
***	Hotel Venere	C.so Elea, Ascea (SA)	hotelvenere@hcmail.it www.hotelvenerecilento.it	€ 80	€ 46
***	Hotel Residence Solone	Via Velia. Ascea (SA)	tel +39 0974 972577 - 338 5606815 - www.hotelresidencesolone.it info@hotelresidencesolone.it	€ 30	€ 30
	Villaggio Le Palme	Viale esperia, Ascea (SA)	tel +39 0974 972036 - www.villaggiolepalme.it - info@villaggiolepalme.it	€ 35	€ 35
	Artemis Residence Village	Loc. Palistro - Ascea (SA)	Tel +39 0974 971071 - 339 2407854 - www.residenceartemis.it - info@residenceartemis.it	€ 48	€ 33
	Agriturismo La Focazza	Loc. Chiusa - fraz. Capoluogo - Ascea	tel 338 4834235 -+39 0974 977957 - www.lafocazza.it - info@lafocazza.it	-	€ 30





# How to Reach Cilento and Vallo di Diano Geopark

Closest airport to the Geopark is Naples Capodichino, only 1 hour and 30 minutes drive to the Geopark.

### From Rome Fiumicino Airport:

bus or train (Leonardo Express) to Roma Termini Railway Station (Rome Central Station); then Eurostar or Intercity train to Ascea.

#### From Naples Capodichino Airport:

bus to Napoli Centrale Railway Station; Eurostar or Intercity train to Ascea.

### **Climate:**

In September, higher values of temperatures varies around 25-30° C and the lower around 21 ° C.

# Letters of invitation/Visa help

Those participants requiring an official invitation letter for visa purposes, or requests for funding to the appropriate bodies, must write to the organizers indicating their name, passport number, title, sex, length of stay in Portugal, nationality, affiliation and current postal address. The letter will be mailed once registration have been confirmed.

Please see the website <a href="http://egnconference2013.cilentoediano.it">http://egnconference2013.cilentoediano.it</a>





# Patronage









FÉDÉRATION EUROPÉENNE DES GÉOLOGUESES EUROPEAN FEDERATION OF GEOLOGISTS FEDERACIÓN EUROPEA DE GEÓLOGOS

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Federazione Italiana di Scienze della Terra, Onlus



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