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Congresso congiunto SIMP, SGI, SOGEI, AIV

La Società Italiana di Mineralogia e Petrologia (*SIMP*), la Società Geologica Italiana (*SGI*), la Società Geochimica Italiana (*SOGEI*) e l'Associazione Italiana di Vulcanologia (*AIV*) vi invitano a partecipare al Congresso congiunto, dal titolo **The Geoscience paradigm: Resources, Risks and future perspectives** che si terrà a Potenza dal **19 al 21 settembre 2023**.



The Geoscience paradigm:
resources, risks and future perspectives

Potenza 19-21 Settembre 2023

Organizzato da



Le Geoscienze offrono un **contributo insostituibile** per la comprensione dei processi che sovrintendono alla **genesì delle georisorse**, alla **pianificazione del loro uso sostenibile ed etico**, nel rispetto della salvaguardia dell'ambiente, alla **prevenzione e difesa da eventi geologici pericolosi**, e per lo studio delle **variazioni climatiche**. Il Congresso sarà organizzato in **tre giorni di sessioni scientifiche** sulle principali tematiche delle Geoscienze ed includerà **conferenze plenarie di studiosi di rilievo internazionale** oltre a promuovere la discussione su argomenti di rilevante impatto pubblico.

Il Congresso costituisce il luogo privilegiato per l'incontro e lo scambio di esperienze tra tutti coloro che sono protagonisti attivi nel mondo delle Geoscienze. Per gli **studiosi** rappresenta un importante momento di discussione in cui esporre le proprie ricerche. Per i **professionisti** costituisce una fondamentale opportunità di aggiornamento professionale. Per gli **insegnanti** è l'occasione per confrontarsi sui contenuti e sui metodi didattici delle Geoscienze e di instaurare rapporti di collaborazione volti ad approfondire l'attività formativa dei più giovani. Il Congresso offre anche l'opportunità di **incrementare le collaborazioni** con le molteplici realtà, **pubbliche e private**, che operano nel campo delle Geoscienze.

In definitiva, il Congresso fornirà l'occasione per riflettere sul ruolo delle Geoscienze per un **futuro maggiormente sostenibile, etico e sicuro**, nella protezione dai rischi naturali, inclusi quelli innescati dal cambiamento climatico, e sulla funzione che esse devono assumere nella formazione civica e scientifica del cittadino.

Particolare attenzione sarà rivolta ai **giovani ricercatori**, ai **dottorandi** e agli **studenti** mediante l'organizzazione di eventi ed incontri mirati alla **creazione di reti di collaborazione** volte a promuovere e facilitare lo scambio di conoscenze e l'implementazione degli studi futuri.



Presidenti del Congresso:

Giovanna **Rizzo** (*SIMP*), Giacomo **Prosser** (*SGI*), Giovanni **Mongelli** (*SoGel*), Marco **Viccaro** (*AIV*)



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TIMETABLE

	September 18th	September 19th	September 20th	September 21th
08.00	Phd Day 09.00 - 16.30	Registration 08.00 - 09.00	Registration 08.00 - 08.30	Registration 08.00 - 08.30
09.00		Opening Ceremony 09.00 - 10.30	Oral Sessions [3] 08.30 - 10.30	Oral Sessions [6] 08.30 - 10.30
10.00			Poster Session 10.30-11.00	Poster Session 10.30-11.00
11.00		Oral Sessions [1] 11.00 - 13.00	Oral Sessions [4] 11.00 - 13.00	Oral Sessions [7] 11.00 - 13.00
12.00		Lunch and Poster 13.00 - 14.30		
13.00		Sponsor Communication IODP	Sponsor Communication ETS	Sponsor Communication ThermoFisher
14.00		Plenary Session [Dilek Y.] 14.45 - 15.30	Plenary Session [Johannesson K.] 14.45 - 15.30	Plenary Session [Hager B.K.] 14.45 - 15.30
15.00		Oral Sessions [2] 15.30 - 17.30	Society meeting 15.30 -17.30	Oral Sessions [8] 15.30 - 17.30
16.00				
17.00		Plenary Session [De Rosa R.] 17.15 - 18.00	Oral Sessions [5] 17.30 - 19.30	Oral Sessions [9] 17.30 - 19.30
18.00	Dall'Africa all'Italia... ma quanto è bella la geologia! [Bignami L.] 18.00 - 18.45			
19.00	Ice-breaker party 18.45 - 20.00	Social dinner 20.00 - 23.00	Closing Ceremony 19.30 - 20.00	
20.00				
21.00				
22.00				

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The Geoscience paradigm: resources, risk and future perspectives

Potenza, 19-21 settembre 2023

Timetable Sessioni

		Aula Magna	Galileo	Leonardo	Aula Magna MAT	A4	A6	A5	A7
September 19	Oral Sessions [1] 11.00 - 13.00	S6	S37	S24	S36	S19	S21	S29	S7
	Oral Sessions [2] 15.30 - 17.30	S6	S37	S24	S36	S20	S21	S30	S9
September 20	Oral Sessions [3] 08.30 - 10.30	S4	S40	S32	S42	S25	S8	S2	S17
	Oral Sessions [4] 11.00 - 13.00	S4	S40	S32	S42	S25	S8	S1	S17
	Oral Sessions [5] 17.30 - 19.30	S4	S38	S32	S28	S35	S10		S22
September 21	Oral Sessions [6] 08.30 - 10.30	S5	S39	S33	S14	S23	S11	S34	S18
	Oral Sessions [7] 11.00 - 13.00	S5	S39	S33	S14	S23	S11	S34	S18
	Oral Sessions [8] 15.30 - 17.30	S15	S41	S3	S13	S27	S12	S26	S16
	Oral Sessions [9] 17.30 - 19.30	S15	S41	S31	S13	S27	S12		

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The Geoscience paradigm: resources, risk and future perspectives

Potenza, 19-21 settembre 2023

Programma delle sessioni

Session	Session title
S 1	Biogeochemical processes in the Anthropocene: nutrients and pollutants cycling across the environmental matrices (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=2)
S 2	Geodiversity vs Geobiodiversity: a multidisciplinary approach to describe the Earth surface (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=3)
S 3	The coastal environment paradigma: landforms, deposits and sediment dynamics (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=4)
S 4	Geomaterials and Cultural Heritage (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=6)
S 5	Geosciences and heritage in a time-lapse: origin, lifetime and future challenges (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=7)

- S 6 The new era of remote sensing and 3D modelling in digital geological mapping (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=15)
-
- S 7 From magma degassing to gas-water-rock interaction: the role of fluids in understanding natural processes (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=17)
-
- S 8 Multidisciplinary insights into rock-fluid interactions and fluid emissions: exploring tectonic settings, geochemistry and modelling approaches (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=20)
-
- S 9 Geochemistry of fluids from hydrothermal and volcanic environments: classical, innovative, and prospective approaches to investigate the behavior of natural systems (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=21)
-
- S 10 Geochemistry of sediments and sedimentary ores: addressing paleogeographic restoration and georesources exploration (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=23)
-
- S 11 Mercury as a global contaminant: from geogenic and anthropogenic sources to environmental impact and potential remediation strategies (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=24)
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- S 12 New approaches in geochemical data analysis and mapping: from the urban scale to continental wide experiences (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=25)
-
- S 13 Petrological and geochemical tools to investigate recycling processes: new insights and future directions (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=26)
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- S 14 The continental crust through space and time: unraveling igneous, metamorphic and mineralization processes (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=27)
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- S 15 Exploring the interaction of surface processes and tectonics in coastal and fluvial systems (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=30)
-
- S 16 Georesources and Sustainability: from cultural heritage promotion to waste exploitation (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=33)
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- S 17 From waste to resource: the contribution of mineralogy to past and present waste management (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=34)

- S 18 Geomaterials: characterization, industrial uses and environmentally friendly innovative applications (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=35)
-
- S 19 Elemental behaviour for a sustainable future: geochemistry in petrological, environmental and industrial research (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=36)
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- S 20 Sustainable strategies for the design and development of innovative materials: from non-renewable resources to valorisation of anthropic wastes (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=37)
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-
- S 24 Asbestos and hazardous dust in geomaterials in the frame of European green economy: new strategies for monitoring, treatment, and reuse in view of exposure assessment (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=46)
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- S 25 A world at risk: evaluation of the hazard associated to volcanic eruptions, natural radioactivity and land instabilities (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=49)
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- S 26 Exploring geoscience communication (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=51)
-
- S 27 Geoscience at School (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=52)
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- S 28 Unveiling the evolution of the oceanic and continental lithosphere through the study of mantle rocks, primary melts and crustal sections (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=58)
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- S 29 Extraterrestrial materials: from meteorites to planetary bodies (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=59)
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- S 32 New advances in the tectono-stratigraphic evolution of the central and southern Apennines (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=64)
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- S 37 Deciphering tectono-metamorphic processes in the continental crust from field to micro-scale (http://becong.dst.unipi.it/BECong/sessione_programma.php?sessione2=76)
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**Vieni
a trovarci!**



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**Vieni
a trovarci!**



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Seeing beyond



**Discover the New Possibilities
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