

La Società Geologica Italiana (SGI) e la Società Italiana di Mineralogia e Petrologia (SIMP) vi invitano a partecipare al Congresso congiunto, dal titolo *Geosciences for a sustainable future*, che si terrà a Torino dal 19 al 21 settembre 2022.

SESSIONE S25 - LE GEOSCIENZE A SCUOLA MERCOLEDÌ 21 SETTEMBRE ORE 8:30-10:30



CONVENERS

Francesca Cifelli
Università di Roma Tre

Claudia Lupi
Università di Pavia

Manuela Pelfini
Università di Milano

Anna Gioncada
Università di Pisa

Eleonora Paris
Università di Camerino

► **S25 Geoscience at school**

MERCOLEDÌ 21 settembre 2022 (8:30-10:30)

KEYWORDS Education | Scientific dissemination | Lab activities

PROGRAMMA DELLA SESSIONE

S25. Geosciences at School

Conveners and Chairpersons: Francesca Cifelli [Università di Roma Tre], Anna Gioncada [Università di Pisa], Claudia Lupi [Università di Pavia], Eleonora Paris [Università di Camerino], Manuela Pelfini [Università di Milano]

SESSIONE ORALE

Mercoledì 21 settembre 2022 (8:30-10:30)

Aula Blu

25-1 08.30 - 08.45

Berra F.* : Teaching geology, from books to Earth: the contribution of geological maps, a powerful but neglected educational tool

25-2 08.45 - 09.00

Borghini A.* , Pieraccioni F., Bastiani L., Bonaccorsi E. & Gioncada A. : Alternative ideas of the Italian students about the geoscience: a survey

25-3 09.00 - 09.15

Lozar F.* , Palomba M., Storta E., Borghi A., Stella I. & Franco F. : Geology and the city: how to introduce Geosciences to high school pupils

25-4 09.15 - 09.30

Gastaldi M.* , Beccaceci A. & Paris E. : "A Network of Schools for Sustainable Development". The Role of Education in Mitigating Plastic Pollution

25-5 09.30 - 09.45

Corti V.* , Macario M., Olmastroni S., Palmeri R., Sandroni S. & Cornamusini G. : "When Antarctica was a garden" - A multimodality workshop involving science teachers

25-6 09.45 - 10.00

Piangiamore G.L.* , Maraffi S. & Sacerdoti F.M. : A board game meets an App... this is *GeoRisk!*

25-7 10.00 - 10.15

Giai M.* : Technominerals, technology under the microscope: design of lectures straddling science and social awareness in the context of secondary school classes

25-8 10.15 - 10.30

Occhipinti S.* : The Data Mining Test: an unexpectedly effective tool to promote and recognize soft and hard skills in Earth sciences

POSTER SESSION

Corridoio Padiglione 3

Mercoledì 21 settembre 2022 (10:30-11:00 e 13:00-14:30)

25-9 Pannello 1001

Bollati I.M.*, Scandiuizzi C., Tronti G., Ticozzi N., Apuani T., Zucali M. & Pelfini M. : Tips for new educational experiences in the secondary school based on outdoor activities and 3D modeling of rocky outcrops equipped for climbing

25-10 Pannello 1002

Diolaiuti G.*, Maugeri M., Pelfini M., Lazzati A., Traversa G., Fugazza D., Maragno D., D'agata C., Panizza M. & Senese A. : Geosciences in school-work alternation proposals: the projects of the Milan State University

25-11 Pannello 1003

Franco F.*, Lozar F., d'Atri A. & Borghi A. : Sedimentary TourInStone: a journey through Italy's sedimentary heritage stones in Turin (Piedmont, Italy)

25-12 Pannello 1004

Meneghini F.*, Frassi C., Di Rosa M. & Sanità E. : "Reading" the rock record: what rocks can tell us of the evolution of our planet – an orientation activity for high school students

25-13 Pannello 1005

Misiti V.*, Riposati D., Di Laura F., Battelli P. & Crescimbene M. : VULCANOPOLY: playing towards a better future

25-14 Pannello 1006

Pasero F.*, Nerone S., Storta E., Brotto G., Borghi A., Carosi R., d'Atri A., Ferrando S., Groppo C., Iaccarino S., Lozar F., Montomoli C. & Natalicchio M. : Learning the Earth Sciences: implementing 3D models in distance education

25-15 Pannello 1007

Pelfini M.*, Parravicini P., Bonaccorsi E., Cifelli F., Gioncada A., Lupi C. & Paris E. : Teacher training and *geoeducation* in Italy: some preliminary remarks

25-16 Pannello 1008

Realdon G.*, Beccaceci A., Stacchiotti L., Invernizzi M.C. & Paris E. : Teachers' professional development across the COVID-19 pandemic: EGU Education Field Officer programme in Italy

25-17 Pannello 1009

Realdon G.* : A Tribute to Chris King

25-18 Pannello 1010

Ricca M., Albanese M.P., Donato A., Ruffolo S.A., Bruno F., Randazzo L.* & La Russa M.F. : "An ocean of science" project: a journey to the seabed

25-19 Pannello 1011

Scacchetti M.* : Geosciences teaching experiences during Covid-19 emergency

25-20 Pannello 1012

Senese A.*, Lombardo L., Manara V., Diolaiuti G. & Maugeri M. : An Italian user-friendly tool to increase awareness about causes and impacts of climate change

25-21 Pannello 1013

Senese A., Panizza M., Porta M., Maugeri M., Ambrosini R., Traversa G., Fugazza D., Azzoni R.S., Bollati I.M. & Diolaiuti G.A.* : Geoeducation and immersive experience: from researcher projects to student opinions

25-22 Pannello 1014

Adanti B., Cifelli F.*, Corrado S., Grossi F. & Mattei M. : Urban geo-itineraries as an educational tool for the knowledge of the territory: the example of the city of Rome

25-23 Pannello 1015

Alfama V.*, Pinto H., Navarro R., Tejado J.J., Mutemeri N., Punturo R.⁶⁻⁷ & Pereira D. : Challenges for the extraction of raw materials: sustainability and education for transforming mining industry

25-24 Pannello 1016

De Caterini G., Pasqua I., Argentieri A., Battisti C., Beltramme O., Bianchini G., Bilotta A.M.*, Canali P., Ceraudo S., Conte G. & Mingrone S. : Geology for Geography Program - From theory to practice: the teaching scientific collaboration between the "Goffredo Mameli" high school (Rome) and the regional Order of Geologists of Latium (Cambridge course IGCSE-0460)

25-25 Pannello 1017

Galliano Y.*, Boero M., Garbati P., Romeo F., Torella G., Vercelli V. & Cabella R. : Two approaches of Teaching Innovation in Mineralogy in Genova (Italy)

25-26 Pannello 1018

Gerbaudo A.*, Tonon M. & Caretto A. : T-Learning for geosciences education: a proposal for a sustainable pedagogy

25-27 Pannello 1019

Lustrino M.* : Earth Sciences teaching experience with high-school students. Case studies from PLS activities

25-28 Pannello 1020

Messere M.* & Volpintesta F. : An educational approach to learn about Construction and Demolition Waste

25-29 Pannello 1021

Occhioni M.*, Di Palma R. & Paris E. : Energy and carbon footprint. An education approach for middle school students