

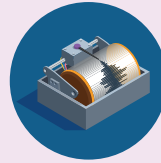
SATURDAY
20.01.2024

12:00 – 16:00

Parallel Workshops: Innovative Tools and Projects for Rural Schools

ART ROOM

School seismology labs for the development digital competences

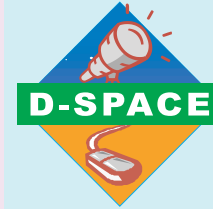


SEISMO-LAB

The Geodynamic Institute of the National Observatory of Athens and the Ellinogermaniki Agogi, on the completion of the installation of the School Seismograph Network in 100 schools, organize a training workshop focusing on including a broader range of educational activities in the Skills Labs. The workshop will introduce participants to the SEISMO-Lab online platform that functions as a virtual hub of educational seismology for students, and teachers and offers the possibility of using the data collected and stored by the network's school seismographs, in real-time, by all school and educational communities. Everyone can select seismic events (in time and area) and use their recordings at the different network stations for further analysis. Participants will have the opportunity to follow step-by-step the construction of a school seismograph and to put it into operation to make it part of the Network. The training workshop is targeted at Primary and Secondary Education teachers. The number of participants is 40 after registration and the workshop will be held exclusively with physical presence and in Greek. Participants will be given a certificate of participation.

COMPUTER ROOM

Educational use of state-of-the-art robotic telescopes



The workshop will offer a unique opportunity to understand the educational use of the robotic telescopes that are in operation at the Skinakas Observatory. In the context of the workshop, the platform created by the Institute of Astrophysics of FORTH will be presented. The platform offers the opportunity to students and teachers from all over Greece to make their own astronomical observations. Participants will create their own observation request on the platform which will be sent to the Skinakas Observatory. Participants will have the opportunity to create, with step-by-step guidance, their own colorful astronomical image. The workshop which is organised by Ellinogermaniki Agogi and the Institute of Astrophysics of the Foundation for Research and Technology (FORTH) within the framework of D-SPACE, is addressed to Primary and Secondary Education teachers. The workshop will be conducted in Greek. The number of participants is 30 after registration and the workshop will be held exclusively with physical presence and in Greek. Participants will be given a certificate of participation.

The Learning from the Extremes Project

REMOTE AND RURAL SCHOOLS

Schools as Learning Hubs of the Rural Community

How can schools become innovation incubators and accelerators by fostering collaboration between schools and local communities?

The Learning from the Extremes Preparatory Action demonstrates ways on how the digital gap suffered by school communities from rural areas can be reduced by:

- Developing students' skills: Students should have modern, connected and constructive learning spaces equipped to support engaged, personalised learning.
- Supporting teachers: Teachers should have the development, support and resources they need to integrate digital tools within the learning environment.
- Providing digital tools: School communities should have access to digital tools and connectivity for effective communication and collaboration.
- Connecting schools: All schools should be able to share teaching excellence with professional support in the classroom, the school and the region.



Co-funded by
the European Union

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Open Classroom Conference 2024

19-20.01.24

CONFERENCE PROGRAMME

FRIDAY
19.01.2024

16:30 – 18:00 Conference Registration

18:00 – 20:30 Opening Session

CONFERENCE HALL
Learning from the Extremes

Chair: Dr Sofoklis Sotiriou, *Ellinogermaniki Agogi, Greece*

Conference Welcome

Prof. Spyridon Doukakis, *President of the Institute of Educational Policy, Greece, Assistant Professor, Department of Informatics, Ionian University*
Asja Satler, *Project Manager Directorate General for Communications Networks, Content and Technology, European Commission*
Dr. Andreas Marinou, *Director of the Secondary Education Directorate of East Attica*
Maria da Conceição Castro, *General-Directorate for Education, Educational Resources and Technologies Team, Portugal*
Dr. Theodora Kakouri, *Cyprus Pedagogical Institute, Cyprus*

Keynote Speeches

- **The European Digital Education Hub**
Dr. Sandra Kucina Softic, *Vice-President of EDEN Digital Learning Europe*
- **The new era of teaching and learning with eXtended Reality (XR)**
Dr. Eleni Mangina, *School of Computer Science, University College Dublin, Ireland*
- **Learning from the Extremes: A school's transformation journey**
Dr Sofia Cholidi, *Coordinator of "Learning from the Extremes" project, Institute of Educational Policy, Greece*
- **Multigrade schools: From Utopian Casualty to Indispensable Element of Progress**
Prof. Costas Tsolakidis, *Professor Emeritus University of the Aegean, Greece*
- **Skinakas Observatory: from the peak of Psiloritis to the classrooms**
Prof. Vassilis Charmandaris, *Department of Physics University of Crete, Greece*

20:30 – 21:30

From 20:30

Dinner

Observation night at the school observatory, connection with the Skinakas observatory



SATURDAY
20.01.2024

09:30 – 11:30 Morning Session

CONFERENCE HALL
School as learning hubs of local communities

Chair: Nikos Zygouritsas, *Ellinogermaniki Agogi, Greece*

- **A Comparative Study of Teachers' Perceptions on the Effectiveness of Technology-Enhanced Teaching and Learning in Rural Schools: Learning from the Extremes in Europe - A Case Study of Ireland and Cyprus**
Dr. Daith Ó Murchú, *Dublin West Education Centre, Dr. Theodora Kakouri, Educational Technology Department of the Cyprus Pedagogical Institute, Cyprus*
- **Broadband Internet Connectivity in Rural Schools, a Reality Check and Best Practice Examples**
Mathy Vanbuel, *Ati, Belgium*
- **The development of partnerships among remote schools in the context of school self-evaluation procedures as a means of enhancing openness and networking**
Maria Nika, *Vourvoul Stavroula, Syka Christina Errietta, Quality and Evaluation Unit, Institute of Educational Policy*
- **A Lifeline to Learning: Checklist for Overcoming Digital Barriers to Inclusion in Online Learning for Rural Areas**
Mary Styliadi, *Directorate of Primary Education, Piraeus / 6th PEKES of Piraeus*
- **FoodTreasure: An educational program aiming to engage the school community in adopting circular economy habits - a case study on food waste management**
Maria Angelidou, *Clio Christopoulou, Eleni Intzidi, Marina Koumoutsakou, Valia Zourna Architect, Chemical, Philosophy teacher, Economics and Environment teacher, Civil Engineer, incommen civil non profit company*
- **The LfE story**
Tsampika-Ekaterini Tsakkiri, *Glykeria Kourou, Maria Peponi, Kindergarten of Malona, Rhodes*
- **Getting to know my area and my fellow students. A partnership of schools exploring local heritage**
Sofia Paschalidou, *Anastasia Panagiotaki, Primary School of Chalandritsa, Primary School of Leontia, Primary School of Farres*
- **Digital Technologies: Bridging Worlds, Expanding Learning Horizons for Everyone**
Christiana Christoforou, *Primary School of Kampos Tsakistras, Cyprus*

11:30 – 12:00

Coffee break

SATURDAY
20.01.2024

12:00 – 13:30

CONFERENCE HALL
New Pedagogies for Open Rural Schools

Chair: Maria Nika, *Institute of Educational Policy, Greece*

- **The exploitation of STEAM education in the sustainable Kindergarten**
Maria Topoliati, *Kindergarten of Klimatia / University of Ioannina*
- **Enhancing students' motivation and engagement in classroom using digital tools**
Sofia Chaskou, *Ministry of Education*
- **Transforming schools into living labs: Make the Waste to Worth the Taste**
Maria Tsapara¹, Angeliki Liapi², Anthi Arkouli³, Konstantina Papadogkona⁴, Garyfalia Terizaki⁵. ¹ 2nd Kindergarten of Perama, ² 2nd Kindergarten of Lykovrysis, ³ Kindergarten of Nea Penteli, ⁴ 22nd Kindergarten of Keratsini, ⁵ Librarian in Charge
- **Fostering democratic dialogue within schools: The Human library**
Maria Barberi, *1st High School of Mandra, Greece*
- **Leveraging Digital Technologies for Enhanced Educational Processes: Best Practices and Implications**
Chrysi Zouzakoglou, *4th Primary School of Komotini, Eleni Papadopoulou, 6th Primary School of Komotini*
- **Reflective practice in education: Designing a self-assessment tool for newly qualified teachers**
Theano Koutsoupidou, *Ministry of Education & University of Athens*

13:30 – 14:30

Lunch

14:30 – 16:00

Parallel sessions

CONFERENCE HALL
Digital tools and applications for innovation and inclusion

Chair: Zafeiria Kretsi, *Institute of Educational Policy, Greece*

- **Enhancing the effectiveness of Geometry Instruction by leveraging AI in combination with Dynamic Geometry software**
Stavroula Patsiomitou, *Education Advisor for Mathematics, Greek Ministry of Education, Religion Affairs and Sports*
- **An Integrated STEAM Approach to Learning About Space**
Aliki - Maria Makri¹, Iraklis Karagiannis², Nikolaos Makris³, Theoni Dimopoulou⁴,
¹ Science Culture Educational Centre Aristotelio, Volos, Greece,
² Experimental Primary School, Portaria, Greece, ³ Science Culture Educational Centre Aristotelio, Volos, Greece,
⁴ Science Culture Educational Centre Aristotelio, Volos, Greece
- **Chatbots in hybrid learning & training environments**
Maria Karyotaki, *Directorate of Secondary Education of Piraeus*
- **Museological methodology to teaching English as a Foreign Language**
Louiza Ntaliani, *Minority Primary School of Kentavros*
- **Pluto is lost**
Ekaterini Maria Rozi, *3rd Junior Highschool of Glyfada*
- **Improving family ties and adolescent relationships in open schooling**
Eleni Kolla, *1st High School of Spata & Philips University*
- **Humor-Enhanced Pedagogy: Leveraging Comedy Techniques for Engaging Science Education**
Stefanos Giagtzoglou, *ScienceView*

16:00 – 16:30

Coffee break

16:30 – 18:30

Closing session

CONFERENCE HALL
Learning from the Extremes

Chair: Nikos Zygouritsas, *Ellinogermaniki Agogi, Greece*

- **Rural Schools Innovation Roadmap**
Dr Sofia Cholidi, *Coordinator of "Learning from the Extremes" project, Institute of Educational Policy, Greece*
- **The Learning from the Extremes impact**
Dr. Richard Harte, *UX and Technology Specialist, Leamovate Centre, Trinity College Dublin, Ireland, Menelaos Sotiriou, ScienceView, Greece*

Lessons Learnt: National Coordinators Roundtable

SEMINAR ROOM A

Innovative projects of rural schools

(Virtual presentations) Chair: Nikos Zygouritsas, *Ellinogermaniki Agogi, Greece*

- **The transformation of Mesón do Vento School**
Alejandro Varela, *Cristina Mallo García, CEIP Mesón do Vento, Spain*
- **Small steps, giant leaps: Classroom transformation with open schooling approach on a microlevel**
Dalia Kager, *Eugen Kvaternik Elementary School, Croatia*
- **I am helping, what about you?**
Bairrão, M., Benavente, I., Caniceira, A., Cordeiro, C., Estrela, A., Faustino, D., Ferreira, S., Gonçalves, S., Rodrigues, M., *Agrupamento de Escolas de Gavião, Portugal*
- **Equality Shapes My Gender: a multidisciplinary project based on the Design Thinking approach**
Sílvia Serrano, *Magali Carvalho, Maria da Conceição Rodrigues, Agrupamento de Escolas de Gavião, Portugal*
- **Healthy and sustainable food project**
Alzira Evaristo, *Ana Nabo, Ana Paula Pio, Genoveva Belona, Maria Afonso Maio, Maria Inês Veríssimo, Paula Pessoa, Agrupamento de Escolas de Gavião, Portugal*
- **With All and for All – Digital Village**
Paulo Pires, *Genoveva Matos Belona, Maria Inês Veríssimo, Agrupamento de Escolas de Gavião, Portugal*
- **The importance of understanding the risks associated with climate change**
Jeane de Fatima Moreira Branco, *Observatório Nacional – UFPE, Brazil*

SEMINAR ROOM A

Supporting innovation and systemic change in schools

(Virtual presentations) Chair: Petros Stergiopoulos, *Ellinogermaniki Agogi, Greece*

- **The use of Robotics in the context of teaching the IT course**
Stavrinoudis Stavros, *Paraskevi Batsiou, Aikaterini Fotopoulou, 2nd High School Of Chios, Greece*
- **STEAM Around the World, Cultural Heritage as an Object of School Cooperation**
Paschalia Sarmi, *Kindergarten of Neochorouda, Greece*
- **3D Printing in multicultural/multi-lingual classrooms**
Despoina Kapsali, *Primary School of Neas Karyas, Greece*
- **Promoting valEUs, democracy and human rights in a Collaborative European eTwinning project**
Anastasia Samartzi, *Maria Ntemou, Ourania Floratou, 1st High School of Spata, Greece*
- **Fostering digital skills: the case of a remote rural secondary school**
Androulidaki Aikaterini, *Charmpali Ioulia, Sakellaropoulou Foteini, Junior High School of Goumerno, Greece*
- **Measuring climatic data in school environment**
Polymeni, E., *Junior High School of Myrina, Sfragmenou, E., 1st High School of Chios, Theodosiou, K., Theofanellis, T., Regional head for Secondary Education School of Lesvos Perfecture*
- **Artificial Intelligence and Foreign Languages Teaching: A powerful way to promote inclusion and innovation in the classroom**
Theodora Toli, *1st Model Junior High School of Thessaloniki, Greece*
- **Augmented Reality in K-12 Education: A Case Study on enhancing 6th-grade learning about the Cell**
Xristina Klimedioti, *Institute of Educational Policy, Athens, Greece, Diogenis Alexandrakis, 2nd Primary School of Koropi, Greece*