



HELLENIC REPUBLIC
Ministry of Education,
Research and Religious Affairs



**REGIONAL DIRECTORATE OF PRIMARY & SECONDARY
EDUCATION OF CRETE
KALATHAKI MARIA**

SCHOOL ADVISOR FOR SCIENCE TEACHERS OF WEST CRETE

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Chania, 23-10-2017

No Prot: 379

TO: 1. Organizational & Scientific committee and Participants of the Conference

2. Science Teachers of West Crete

3. Teachers of the Schools of my Scientific and Pedagogical Guidance

4. Participants to the Conferences of Mesogeios-Isalos Grammi (Mediterranean Sea Waterline)

Project

NOTIF: 1. Regional Administration of Primary & Secondary Education of Crete, Greece

2. Administrations of Secondary Education of Rethymnon and Chania, Crete, Greece

3. Offices of School Advisors of Secondary Education of Rethymnon and Chania

4. Municipality of Platania, Chania

SUBJECT: Open Educational Conference "Teaching and Learning Science in Schools in the Traces of Ancient Greek Rationalistic and Naturalistic Philosophers of Magna Grecia"-Final Announcement

The Open Conference in the field of Inquiry Based Science Learning with New Technologies under the title '**Teaching and Learning in the Traces of Ancient Greek Rationalistic and Naturalistic Philosophers of Magna Grecia**' (1st announcement doc with protocol number 298/14-9-2017 of the School Advisors' Office in Chania, Crete, Greece) will be held 24-29 October 2017, in Apulia and Calabria of South Italy. It, also, can function as a Preparatory Meeting for an Erasmus KA2 European Project which is prepared by Professors and Teachers from Greece, Italy and Turkey. The Conference is a Peer Learning Activity in the framework of the Educational-Training Project 'Mesogeios-Isalos Grammi-Mediterranean Sea-Waterline' (doc with protocol number 726/13-9-2015 of the School Advisors' Office in Chania, Crete, Greece) and more focused in the Project 'Teaching Science Notions with Ancient Greek Natural Philosophers' (doc with protocol number 1134/02-11-2015 of the School Advisors' Office in Chania, Crete, Greece) which are addressed to executives and teachers of School Education who are interesting in collaborating and sharing knowledge and experience in the field of sustainable school leadership by introducing philosophy in teaching and learning.

The field Conference is organized by the School Advisor of Science Teachers of the Regional Administration of Primary & Secondary Education of Crete, Greece, the Mayor of Platania Municipality of Chania, Greece, the Professor Sedat Ucar of the Department of Elementary Science Education, Faculty of Education, Cukurova University, Adana, Turkey, the Cultural Association 'La Pagina', Terni, Italy with the contribution of the Centro Scambi Culturali of Crotona, Consorzio Soc. Coop. Sociale Jobel of Crotona, Associazione Paideia of Crotona, Municipality of Crotona, F.A.I of Crotona, Archaeological Park "Archeoderi" loc. San Pasquale di Bova Marina (RC), Calabria, Italy, Associazione Culturale Ellenofona "Jalò tu Vua", Calabria, Italy, Youth Center "Padre V. Rempicci"-Condofuri Marina, Access Point Del Comune di Roghudi, and the Municipal Library of the Municipality of Lamezia Terme.

Through the Conference, the delegations aim to open the school communities of the West Crete, and of their prefectures, to the neighboring educational societies, by approaching scientific and pedagogical issues related to Science and Philosophy, improving the quality of daily school life, developing personally and professionally school teachers and officials. The main idea of the Conference, and the preparing European Project Erasmus KA2, is the Inquiry based way of Learning with New Technologies, inside and outside the classrooms, to get students thinking philosophically by the use provocations of

Philosophy in Primary and Secondary Education. The goal is to expertise teachers to establish and answer philosophic queries based on the school and academic curricula, linked with pedagogical issues and problems. We plan peer learning activities with presentations, discussions, field works and trails with teachers of various disciplines, who will inquire in experiential way on philosophical and practical issues in the labyrinthine of scientific notions.

Science and Philosophy are two activities of our minds with different orientations, so that different information can be given by each one. The Scientists explore the reality, the Philosophers try to show what could be true in reality, they do not live up to being the established as true and valid in general, but by overthrowing it, they seek to examine other possible ways of its existence. In this Open Educational Conference, we'll try to negotiate the perception of 'BEING' and 'IS', from the point of view of Ontology and Epistemology in a sociocultural environment, looking for similarities in the way of life and dialects.

The participants of the Conference are both speakers and interlocutors. The languages of the lectures can be Greek, Italian, and English, also in Cretan, Griko and Salentina dialects.

Participation is optional. All the expenses are covered, individually, by the participants.

CONFERENCE WEBSITE <https://magnagreciaopeneduconf.wordpress.com/>

ORGANIZATION & SCIENTIFIC COMMITTEE

- Akkoyunlu Buket, Professor of Çankaya University and Private Ari Schools of Ankara, Turkey
- Kalathaki Maria, School Advisor for Science Teachers, Director of The Regional Training Center of Heraklion, Peripheral Administration of Primary & Secondary Education of Crete, Greece
- Kasimati Aikaterini, Associate Professor, Pedagogical Department, School of Pedagogical and Technological Education, Athens, Greece
- Krokidi Evangelia, School Advisor for Home Economics Teachers of Western Greece
- Malandrakis Ioannis, Mayor of Platani Municipality, Chania, Crete, Greece
- Mastodonti Rosella, Retired Philosophy High School Teacher, Supervisor at the Faculty of Education - Post-graduate degree qualifying for teaching - University of Perugia, Responsible for European partnerships of the Cultural Association ' La Pagina', Referent of editorial offices of the European Journal ' La Pagina' edited in Terni, Italy
- Ucar Sedat, Professor of Faculty of Education, Department of Elementary Science Education of Cukurova University, Adana Turkey

COORDINATORS

Mastodonti Rosella Mobile: 00393355606489, 00393891731828, Email: rosella.mastodonti@alice.it

Kalathaki Maria, Mobile: 00306946500408, Email: kalathakimaria.edu@gmail.com

THEMATIC FIELDS

- Approaching Science Notions in Schools with the Ancient Greek Natural Philosophers in Magna Grecia
- Sociocultural Elements of the Life in South Italy, from the past to nowadays
- Teaching Science with Philosophy in Schools
- Collaborations and Partnerships of Schools in Mediterranean Area
- School Activities in an Interdisciplinary Framework

SPEAKERS AND INTERLOCUTORS FROM GREECE

1. Chatzikonti Olga, School Advisor for Science Teachers of West Greece
2. Faka Sofia, Science Teacher of 5th Gymnasium of Chania, Crete
3. Kalathaki Maria, School Advisor for Science Teachers, West Crete prefecture, Director of the Regional Training Center of Heraklion, Regional Administration of Primary & Secondary Education of Crete
4. Karali Vasiliki, School Advisor for Greek Literature Teachers of West Greece
5. Kasimati Aikaterini, Professor of the School of Pedagogical and Technological Education, Scientific Head of the School of Pedagogical and Technological Education (ASPATE), Athens
6. Katsaros Ioannis, School Advisor for Primary Teachers of Nikaias-Renti Prefecture, Attika
7. Krokidi Evaggelia, School Advisor for Home Economy Teachers of West Greece

8. Lazari Dimitra, Italian Teacher, Patra
9. Mpounta Eleni, School Advisor for Primary Teachers of 68th prefecture of Attiki
10. Papaioannou Ioanna, Head of Environmental Education of Secondary Education of Achaia
11. Paraschou Theodoros, Science Teacher of 3rd Lyceum of Chania, Crete
12. Salourou Vasiliki, Physicist, Retired Teacher of Secondary Education, Patras, Greece
13. Zacharioudaki Androniki, Doctor Haematologist, Retired Director of the Blood Bank of General Hospital of Chania

SPEAKERS AND INTERLOCUTORS FROM ITALY

1. Mastodonti Rosella, Retired Philosophy High School Teacher, Supervisor at the Faculty of Education - Post-graduate degree qualifying for teaching - University of Perugia, Responsible for European partnerships of the Cultural Association ' La Pagina', Referent of editorial offices of the European Journal ' La Pagina' edited in Terni
2. Scalice Albano, Chemist, Retired Teacher of Secondary Education, Terni
3. Mattia Manko Grigoriadi, Singer in Griko dialect, Apuglia
4. Rokko de Santis, Singer in Griko dialect, Apuglia
5. Arena Domenico, President of Centro Scambi Culturali of Crotona
6. Italia Aistel, Vice President of Centro Scambi Culturali of Crotona
7. Vazzano Santo, President of Consorzio Soc. Coop. Sociale Jobel of Crotona
8. Bitonti Luigi, President of Associazione Paideia of Crotona
9. Cosentino A, Deputy Mayor of the Crotona Municipality
10. Corrado Margherita, Archaeologist F.A.I., Crotona
11. Purri Siviglia Vincenzina, Professor, President of the Archaeological Association Lametina, Honorary inspector of Belle Arti Ministry, Lamezia Terme, Calabria
12. Gargan Giorgia, Archeologist, Head of the FAI Catanzaro delegation, Honorary Inspector for the Numismatic Properties of Calabria, Calabria
13. Antonella Casile - Architect, treasurer of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria
14. Domenico Cuzzucoli - film director, vice president of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria
15. Maria Olimpia Squillaci - linguist, partner of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria
16. Pasquale Faenza - Curator of Cultural Heritage, member of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria
17. Paino Filippo, President of the GAL 'Grecanica area', Bova Marina, Calabria
18. Ghibaudi Alessandra, President of the GAL 'Grecanica area', Bova Marina, Calabria
19. Brancati Danilo, Musician, Councillor of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria
20. Musolino Tilde, Teacher, Secretary of the Circolo "Jalò tu Vua", Calabria
21. Stelitano Fortunato, Councillor Del Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria
22. Pierpaolo Zavettieri Mayor of the Roghudi Municipality, Calabria
23. Lea Stelitano, Councilor for Education Roghudi Municipality, Calabria
24. Mariangela Maesano, Councilor Roghudi Municipality, Calabria
25. Fabiana Cuzzucoli, President of the City Council of Melito Porto Salvo, Calabria
26. Melita Stelitano, Teacher, partner of the Associazione Culturale Ellenofona Circolo Jalò tu Vua, Bova Marina, Calabria

CONFERENCE PROGRAM

WEDNESDAY 25 OCTOBER 2017

SESSION 1 OPENING OF THE CONFERENCE

CHAIR: Kalathaki M

09.00 Brindisi Port. Opening of the Conference, welcoming of Participants by the Coordinators.

10.00-11.00 Trip from Brindisi to Lecce.

SESSION 2 ELENOFONE AREAS

CHAIR: Lazari D

11.00-12.00 Lecce, Sightseeing tour

12.00-12.30 Trip to the Elenofone Villages

12.30-16.00 Visit of the Elenofone villages Calimera, Zollino, Sternatia

LECTURES:

- Mpounta E "Greek schools with important history in Mediterranean area-undertaking initiatives to connect Schools of Magna Grecia with Greek Schools"
- Paraschou T "Creating Educational Pathways in Google Maps" (remote presentation)

Discussion with Mattia Manko Grigoriadi and Rokko de Santis singers in Griko dialect about writing and singing in Griko dialect, Coordinator Lazari D.

SESSION 3 TARANTO MARINE ECOSYSTEMS

CHAIR: CHATZIKONTI O

16.00-18.00 Trip to Taranto, via Porto Cesareo

18.00-20.00 Taranto. Sightseeing Tour.

21.00 Dinner with Conclusions and Reflections of the day's activity, Coordinator Kasimati A.

THURSDAY 26 OCTOBER 2017

SESSION 4 HISTORICAL APPROACHES OF MAGNA GRECIA

CHAIR: Karali V

09.00-10.00 Trip from Taranto to Metaponto

10.00-11.30 Metaponto. Visit of the Archeological Place and the 'Museo Archeologico Nazionale Di Metaponto'

LECTURES:

- Karali V "The History of Magna Grecia through the school Curricula of Gymnasium and Lyceums in Greece"
- Mastodonti R "Historical sites in Calabria linked to Magna Grecia-a teaching proposal for outdoor Education"
- Kalathaki M "Inquiry Based Science Teaching in Field Education-a case study in Calabria"
- Faka S "Notions teaching in Sciences courses of Secondary Education in the philosophical works of the Ancient Greek Natural Philosophers"
- Zacharioudaki A Medicina al Era di Magna Grecia
- Chatzikonti O "Approaching ways for Science notions through the works of Ancient Greek Natural (pre-Socratic) Philosophers in Training Programs"
- Salourou V "Teaching the Principle of communicating vessels with the cup of Pythagoras"

11.30-15.00 Trip from Metaponto to Croton

SESSION 5 PYTHAGORA'S PHILOSOPHY SCHOOL

CHAIR: Mastodonti R

15.00 Crotona. Welcoming of the Conference Participants, on behalf of the Municipality of Crotona, by the Deputy Mayor and Councilor for Culture of the City of Crotona

Seminar in Parco Pitagora, with the subject 'Pythagorean didactic themes in the Parco Pitagora of Crotona'

LECTURES by:

- Arena Domenico, President of Centro Scambi Culturali of Crotona
- Italia Aistel, Vice President of Centro Scambi Culturali of Crotona
- Vazzano Santo, President of Consorzio Soc. Coop. Sociale Jobel of Crotona
- Bitonti Luigi, President of Associazione Paideia of Crotona
- Cosentino A, Deputy Mayor of the Crotona Municipality

SESSION 6 ANCIENT GREEK TEMPLES IN CROTONE AREA

CHAIR: Salourou V

16.30 Seminar in the Archaeological Museum of Crotona

Lecture by:

Corrado Margherita, Archaeologist F.A.I.

18.00 Visit to the Archaeological Park of Capo Colonna the ruins of the Hera Lacinia temple

19.00-21.00 Sightseeing tour

21.00 Dinner with Conclusions and Reflections of the day's activity, Coordinator Kasimati A.

FRIDAY 27 OCTOBER 2017

SESSION 7 TEACHING APPROACHES WITH THE HISTORY AND PHILOSOPHY OF MAGNA GRECIA

CHAIR: Mpounta E

09.00-10.00 Trip from Crotona to Squillace

10.00-11.00 Squillace. Sightseeing Tour.

11.00-12.30 Trip from Squillace to Locri Epizephyrii

12.30-13.30 Locri Epizephyrii. Sightseeing Tour

13.30-15.00 Trip from Locri Epizephyrii to Bova Marina

SESSION 8 PERMANENCE OF THE GREEK LANGUAGE IN THE TERRITORY OF MAGNA GRECIA IN CALABRIA

CHAIR: Krokidi E

15.00-16.30 Seminar at the Archaeological Park "Archeodori" loc. San Pasquale di Bova Marina (RC) with the subject "Issues of the Permanence of the Greek Language in the Territory of Magna Grecia in Calabria".

LECTURES by:

- Antonella Casile - Architect, treasurer of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria, Italy
- Domenico Cuzzucoli - film director, vice president of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria, Italy
- Maria Olimpia Squillaci - Linguist, Cambridge University PhD on the ancient Greek Language in Calabria, Partner of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria, Italy
- Pasquale Faenza - Curator of Cultural Heritage, member of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria, Italy

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SESSION 9 GREEK CULTURAL ELEMENTS IN THE AREA OF MAGNA GRECIA

CHAIR: Katsaros I

16.30 Meeting at the Youth Center "Padre V. Rempicci"-Condofuri Marina (RC), Bova Marina, Calabria

LECTURES by:

- Paino Filippo, President of the GAL 'Grecanica area', Bova Marina, Calabria, Italy
- Ghibaudi Alessandra, President of the GAL 'Grecanica area', Bova Marina, Calabria, Italy
- Brancati Danilo, Musician, Councillor of the Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria, Italy
- Musolino Tilde, Teacher, Secretary of the Circolo "Jalò tu Vua", Calabria, Italy

- Stelitano Fortunato, Councillor Del Associazione Culturale Ellenofona Circolo "Jalò tu Vua", Calabria, Italy

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SESSION 10 ART SUPPORTS EDUCATION AND CULTURE

CHAIR: Zacharioudaki A

17.30 Seminar at the Access Point Del Comune di Roghudi (RC) "The dialects of South Italy-connections with the Greeks"

LECTURES by:

- Pierpaolo Zavettieri Mayor of the Roghudi Municipality, Calabria, Italy
- Lea Stelitano, Councilor for Education Roghudi Municipality, Calabria, Italy
- Mariangela Maesano, Councilor Roghudi Municipality, Calabria, Italy
- Fabiana Cuzzucoli, President of the City Council of Melito Porto Salvo, Calabria, Italy
- Melita Stelitano, Teacher, partner of the Associazione Culturale Ellenofona Circolo Jalò tu Vua, Bova Marina, Calabria, Italy
- Malandrakis I The Cultural Promotion, an Important Policy of Platania Municipality, Chania"
- Krokidi E "Home and Social Economy in the years of Colonies at Magna Grecia and Nowadays"
- Lazari D "The dialects of South Italy-connections with the Greeks"

20.00 Presentation of the docu-film "Platescèmu sc'essena" by the cast of the docu-film by the cast, produced by the 'Associazione Culturale "Jalò tu Vua", director Domenico Cuzzucoli.

21.30 Dinner with Reflections and Conclusions of the day's activity, Coordinator Kasimati A.

SATURDAY 28 OCTOBER 2017

SESSION 11 PHILOSOPHICAL QUERIES IN SCHOOL TEACHING

CHAIR: Papaioannou I

09.00-10.00 Trip from Bova Marina to Reggio Calabria

10.00-11.00 Reggio Calabria. Visit of the Archeological Museum.

LECTURES:

- Katsaros I "Teaching with Philosophy in Primary Schools-Educational Policy in Greece"
- Papaioannou I "Interdisciplinary Approaches through the environmental school projects, in Education for Sustainable Development, from the local, to national and international level"

11.00-14.00 Trip from Reggio Calabria to Lamezia Terme, via Scilla, Palmi, Tropea, Vibo Valentia, Pizzo Calabro with short stops, watching the seacoasts

SESSION 12 DISCOVERY TEACHING IN SCIENCE AND ARCHEOLOGY

CHAIR: Kasimati A

14.00-15.00 Lamezia Terme. Visit of the Archaeological Museum of Lamezia Terme

15.00-17.00 Seminar at the Magna Hall of the Municipal Library of the Municipality of Lamezia Terme with the advice of FAI experts with the subject "On the Archaeological Excavations of the Ancient Terina"

LECTURES by:

- Purri Siviglia Vincenzina, Professor, President of the Archaeological Association Lametina, Honorary inspector of Belle Arti Ministry, Lamezia Terme, Calabria, Italy
- Gargan Giorgia, Archeologist, Head of the FAI Catanzaro delegation, Honorary Inspector for the Numismatic Properties of Calabria, Calabria, Italy

SESSION 13 OUTDOOR TRAINING IN TEACHERS' PROFESSIONAL DEVELOPMENT

CHAIR: Scalice A

17.00-18.30 Visit of the Spa Area in Lamezia Terme

LECTURES:

- Kalathaki M "Experiential Learning with inquiry and discovery in Magna Grecia area-the experience of preparing and applying an educational pathway"

- Kasimati M “Reflections on the Educational Pathway in the Traces of Ancient Greek Rationalistic and Naturalistic Philosophers of Magna Grecia”
- 18.30-21.00 Sightseeing tour
21.00 Dinner with the Reflections and Conclusions of the Day’s activity. Conclusions and Suggestions of the Conference, Closing of the Conference, Coordinator Kasimati A.

Honorably



Maria Kalathaki, Med, Ph.D
School Advisor for Science Teachers of West Crete,
Director of the Regional Training Center of Heraklion