

REGISTRATION FEE

The fee is **100 Euro** and it includes: the Trieste - Veli Lošinj round trip, coffee breaks, proceedings, excursion and social dinner cost.

For students (including those from developing countries) the workshop registration is **free of charge** (eventual social events should be paid).

Payment by international bank transfer:

To: ECSAC - Strada Statale 14, Costiera 11, 34149 Grignano (TS) ITALY

Reference: ECSAC2014_Surname-Name

Bank: UNICREDIT BANCA S.p.A.

IBAN: IT66 A020 0802 2130 0004 0948 336

SWIFT: UNCRITB10ND

DEAD LINES

for invited speakers: registration form and abstract	Friday 18/07
for other participants: registration form and abstract	Friday 01/08
accommodation confirming	Friday 15/08

TRIESTE - VELI LOŠINJ CONNECTIONS

For all participants there is a free of charge round trip Trieste-Lošinj Island.

Bus departures:

from Trieste Airport: Sunday 24/08 at 12.30

from Lošinj : Thursday 28/08 at 07.00 AM

Travelling in different time schedules on your own using public transportation is possible, but it might take quite longer times (see website).

SUPPORTING INSTITUTIONS

- ICTP Abdus Salam International Centre for Theoretical Physics • AREA Science Park • Consorzio per la Fisica • Friuli Venezia Giulia Region • Fondazione Internazionale di Trieste • HERA Group • Italian Institute of Culture of Zagreb • OGS National Institute of Oceanography and Experimental Geophysics • Ruđer Bošković Institute of Zagreb • UniAdrion • UGI - Unione Geotermica Italiana • Trieste Province • Trieste University • Zagreb University



WORKSHOP DIRECTORS

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SECRETARY COMMITTEE

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**WORKSHOP on
GEOTHERMAL ENERGY
Status and future
in the Peri - Adriatic Area**

25 - 27 August 2014 • Veli Lošinj, Croatia

21/08/2014 LEAFLET



ECSAC

**EUROPEAN CENTRE FOR
SCIENCE ARTS AND CULTURE**

WORKSHOP ON GEOTHERMAL ENERGY: STATUS AND FUTURE IN THE PERI - ADRIATIC AREA

MONDAY 25TH AUGUST

MORNING

Organizers Openings and Welcome by **Mali Lošinj Major**
Key note address, **Vito S.** (Regional Minister of Environmental, Energy Mountain Policies, RFVG)
Key note address, **Giadrossi A.** (Mali Losinj Italian Community)
Key note address, **Graziano G.** (President of Italian National Geological Council)
Key note address, **Fermeglija M.** (Trieste University Rector)
Lughi V. (Trieste University): Energy as a global challenge

COFFE BREAK

STATUS & PERSPECTIVES OF GEOTHERMAL TECHNOLOGIES

Angelino L. (EU Geothermal Energy Council, Bruxelles): Geothermal energy in Europe: market development, perspectives and framework conditions
Cociancig B. (MND Group, Czech Republic): Geothermal energy: how does it stack up in the future energy mix?
Ungemach P. (GPC, Paris): Recent achievements in geothermal technology
Conti P. (Pisa University and UGI): How heat pumps work: criteria for heat sources evaluation

AFTERNOON

RESOURCES ASSESSMENT & GEOTHERMAL APPLICATIONS

Pipan M. (Trieste University): High-resolution geophysics for porosity and fracture network
Poletto F. (INOGS, Trieste): Integrated geophysical characterization of geothermal reservoirs assessment in shallow geothermal applications
Antics M. (GPC IP, Paris): Geothermal reservoir characterization and management

COFFE BREAK

Prestor J. (GeoZS, Ljubljana) : Low temperature geothermal applications and projects in Slovenia
Kurevija T. (Zagreb University): Geothermal applications in Croatia
Petrini R. (Pisa University) : Thermal springs and balneology in the Peri - Adriatic Area: geochemical status and prospects

TUESDAY 26TH AUGUST

MORNING

Wittig V. (GZB, Bochum): Down the hole hammer drilling technologies: status and future development
Kachyna R. and Cociancig B. (MND Group, Czech Republic): Deep geothermal project from the perspective of a drilling contractor
Buscaroli F. and Ferraresi F. (AIRU, Milano and HERA Group): The integrated Ferrara plant (50% geothermal)
Della Vedova B. (Trieste University, UGI): Geothermal heating and cooling in the FVG Region: the Grado district heating project and the Pontebba ice rink

COFFE BREAK

Kralj P. (Gejzir, Ljubljana): District Heating of Benedikt, 1st stage (Northeast - Slovenia)
Floreani M. and Cozzi G. (AREA Science Park, Trieste): Area Science Park innovative systems and open-laboratories for the diffusion of small size plants based on renewable energy and high efficiency technologies including geothermal applications
Djurić N. and Djurić D. (Subotica University): Ecological and economic aspects of using geothermal energy for heat supply town of Bijeljina and other areas Bosnia and Herzegovina
Mendrinis D. (CRES, Greece): Low temperature geothermal applications in Greece, including water desalination

EXCURSION IN AFTERNOON AND SOCIAL DINNER

WEDNESDAY 27TH AUGUST

MORNING

INTEGRATION OF ENERGY SOURCES IN PERI-ADRIATIC AREA

Masella A. (Brescia University): Heat pumps for exploitation of geothermal sources in Milano City
Molinari F. and Tarantino P. (Cogeme SpA, Brescia): New projects for geothermal district heating and cooling systems in the Brescia Province (Northern Italy)
Cociancig B. (MND Group, Czech Republic): Altheim in Upper Austria – an example of cascaded geothermal energy use
Stefanelli S. (Friuli Venezia Giulia Region): ALTERENERGY: Energy sustainability for adriatic small communities

COFFE BREAK

Nardin G. (Udine University): From healthcare buildings to a district energy system: the path to greener heating in Udine
Jovanović D. (IRENA, Croatia): LEGEND PROJECT mobilizing ground-source heat pumps investments in Adriatic
Mendrinis D. (CRES, Greece): GROUND-MED Project - Advanced GROUND source heat pump systems for heating and cooling in MEDiterranean climate
Zudek A. (Zudek s.r.l, Trieste): New applications of heating and cooling using geothermal resources

AFTERNOON

NEW IDEAS AND PROPOSALS FOR COOPERATION IN PERI-ADRIATIC AREA

Stefanelli S. (Friuli Venezia Giulia Region): The Friuli Venezia Giulia energy strategy
Laurenzi U. (Trieste Municipality): The Trieste PAES – Action Plan for Sustainable Energy
Stival C.A. and Valcovich E. (Trieste University): Methodological approach for recovery and energetic requalification of historical buildings (Trieste port)
Manganaro A. (STEAM Srl): M19 – A new school complex module in an historical building based on Leed Certification and Geothermal application (Trieste port)

COFFE BREAK

Pellegrini G. (STP, Trieste): Feasibility study for district heating and cooling downtown Trieste by seawater heat pumps

ROUND TABLE: FUTURE PERSPECTIVES AND CLOSING REMARKS

