

Beyond AlpArray

WORKSHOP

Monday 27 and Tuesday 28 May 2019, Thessaloniki, GREECE
Amphitheatre of Meteoroskopio, Aristotle University of Thessaloniki

Final Program

Monday - May 27, 14:00 – 18:00

1ST SESSION: STATE OF THE ART, OPEN QUESTIONS, AND SCIENTIFIC AIMS OF THE PROJECT

Convener: Costas Papazachos

14:00 – 14:05: Welcome (**Costas Papazachos**)

14:05 – 14:20: “Beyond AlpArray: AdriaArray?” (**Thomas Meier**)

14:20 – 14:35: General Discussion on the AdriaArray initiative

Deep structure

14:35 – 14:50: “Below and around the Adria plate: Deep structure from seismic tomography” (**Claudia Piromallo**)

14:50 – 15:05: “Slab tearing and segmentation in the Aegean: key issues to understand plate kinematics and deformation” (**Maria Sachpazi**)

15:05 – 15:35: General discussion on deep structure

15:35-16:05: Coffee Break

1ST SESSION: STATE OF THE ART, OPEN QUESTIONS, AND SCIENTIFIC AIMS OF THE PROJECT (CONTINUED)

Convener: Götz Bokelmann

Seismicity and seismic hazard

16:05 – 16:20: “Mapping subduction fluid pathways with earthquakes hypocentres - an example from the Western Hellenic Subduction Zone” (**Stephane Rondenay**)

16:20 – 16:35: “Deep structure and active tectonics: Implications for seismic hazard” (**Costas Papazachos**)

16:35 – 17:05: General discussion on seismicity and seismic hazard

Tectonics: Tectonics and mantle dynamics of the Adria double subduction system

17:05 – 17:15: “Tectonics and mantle dynamics of the Adria double subduction system” (Agnes Kiraly, **Claudio Faccenna**, Francesca Funiciello, over Skype)

17:15 – 17:30: “Long lasting convergence along the Dinaric-Hellenic subduction zone - state of knowledge and open questions about the internal and deep part of the system” (**Thorsten Nagel**, Nikolaus Froitzheim and Christian Schiffer)

17:30 – 17:45: “Active tectonics of the Dinarides fold-thrust belt and the role of the mantle in shaping its topography” (**Kamil Ustaszewski**)

17:45 – 18:15: General discussion on tectonics

2ND SESSION: SETTING THE FRAME FOR AN ADRIAARRAY INITIATIVE

Convener: Andreas Rietbrock

18:15 – 19:00: General Discussion on aims and targets of the AdriaArray initiative - Questions for the Discussion sessions of Tuesday, 28 May.

19:30: Dinner (~15-20 min walk from the venue)

Tuesday - May 28, 08:30 – 12:45

3RD SESSION: EXPERIENCE AND PERSPECTIVES FROM OTHER PROJECTS

Convener: Stephane Rondenay

08:30-08:45: «The HEPHAISTOS project” (**Anne Paul and Dimitris Sakellariou**)

08:45-09:00: Brief discussion on HEPHAISTOS and side-projects

09:00-09:15: «Lessons learnt from AlpArray» (**György Hetenyi** over Skype)

09:15-09:45: Discussion on the AlpArray experience

4TH SESSION: ADRIAARRAY LOGISTICS AND FUTURE STEPS

Convener: Thomas Meier, Maria Sachpazi

09:45-11:00: Discussion on AdriaArray network (temporary stations, instrument availability, deployment teams, etc.)

11:00-11:30: Coffee Break

11:30-12:45: AdriaArray coordination and organization, funding, and next steps