

**Fourth Network School –
Multi-facet Science: data,
models, infrastructure,
industry and communication**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Ice-Breaker / Dinner

Monday 27 May 2024 19:00 (2h 30m)

“Fliegender Holländer” Benkertstraße 5, 14467 Potsdam

Contribution ID: 2

Type: **not specified**

Introduction - presentation of the School

Tuesday 28 May 2024 08:30 (15 minutes)

Presenters: PAPALE, Paolo (INGV); JOUSSET, Philippe (GFZ)

Contribution ID: 3

Type: **not specified**

Science, industrial projects and life/work balance: perceptive from Landsvirkjun, the national energy company in Iceland

Tuesday 28 May 2024 08:45 (45 minutes)

online

Presenter: PÁLSSON, Bjarni (Landsvirkjun)

Session Classification: S1: DATA - large variety of observations –what are we observing

Contribution ID: 4

Type: **not specified**

Analysis of a gravity record collected in the active caldera of Campi Flegrei: a search for volcanic signals

Tuesday 28 May 2024 09:30 (45 minutes)

Presenter: RICCARDI, Umberto (Univ. Napoli)

Session Classification: S1: DATA - large variety of observations –what are we observing

Contribution ID: 5

Type: **not specified**

Physics-based inversions of deformation data

Tuesday 28 May 2024 10:45 (45 minutes)

Presenter: CAYOL, Valerie (CNRS, Clermont-Ferrand)

Session Classification: S1: DATA - large variety of observations –what are we observing

Contribution ID: 6

Type: **not specified**

Fluid sampling and interpretation

Tuesday 28 May 2024 11:30 (45 minutes)

Presenter: REGENSPURG, Simona (GFZ)

Session Classification: S1: DATA - large variety of observations –what are we observing

Contribution ID: 7

Type: **not specified**

Numerical modelling of magmatic-hydrothermal systems

Tuesday 28 May 2024 14:00 (45 minutes)

Presenter: WEIS, Philipp (GFZ)

Session Classification: S2: MODELS - derivation of models from data –modeling approaches

Contribution ID: 8

Type: **not specified**

Geodynamic modelling of extensional plate boundary dynamics

Tuesday 28 May 2024 14:45 (45 minutes)

Presenter: BRUNE, Sascha (GFZ)

Session Classification: S2: MODELS - derivation of models from data –modeling approaches

Contribution ID: 9

Type: **not specified**

Analogue modelling: visit to experimental tectonics lab

Tuesday 28 May 2024 17:00 (1 hour)

Presenter: ROSENAU, Matthias (GFZ)

Session Classification: S2: MODELS - derivation of models from data –modeling approaches

Contribution ID: **10**

Type: **not specified**

Marine techniques for geodetic modelling

Tuesday 28 May 2024 16:00 (1 hour)

Presenter: MURPHY, Shane (IFREMER)

Session Classification: S2: MODELS - derivation of models from data –modeling approaches

Contribution ID: **11**

Type: **not specified**

Free evening

Tuesday 28 May 2024 20:00 (1h 30m)

Contribution ID: 13

Type: **not specified**

The International Continental Scientific Drilling Program ICDP: inner workings and how to get engaged

Thursday 30 May 2024 08:45 (45 minutes)

Presenter: BOHNHOFF, Marco (GFZ)

Session Classification: S3: INTEGRATION

Contribution ID: 14

Type: **not specified**

Electromagnetics for a better understanding of geothermal and magmatic systems

Thursday 30 May 2024 09:30 (45 minutes)

Presenter: WECKMANN, Ute (GFZ)

Session Classification: S3: INTEGRATION

Contribution ID: 15

Type: **not specified**

Model-based assessment of geophysical observations

Thursday 30 May 2024 10:45 (45 minutes)

Presenter: CURRENTI, Gilda (INGV)

Session Classification: S3: INTEGRATION

Contribution ID: 16

Type: **not specified**

Self-Organisation Map (SOM) and data-driven integration methods

Thursday 30 May 2024 11:30 (45 minutes)

Presenter: BAUER, Klaus (GFZ)

Session Classification: S3: INTEGRATION

Contribution ID: 17

Type: **not specified**

Seismological instrumentation: scientific aim and practical use - GIPP presentation and visit

Thursday 30 May 2024 14:00 (45 minutes)

Presenter: HABERLAND, Christian (GFZ)

Session Classification: S4: INFRASTRUCTURE

Contribution ID: **18**

Type: **not specified**

Fibre optic sensing

Thursday 30 May 2024 14:45 (45 minutes)

Presenters: WOLLIN, Christopher (GFZ); EHSANINEZAD, Leila (GFZ)

Session Classification: S4: INFRASTRUCTURE

Contribution ID: **19**

Type: **not specified**

a Brief Journey into the EU Landscape of Research Infrastructures

Thursday 30 May 2024 16:00 (1 hour)

Presenter: POTIE, Paul-Eric (Obs. Paris)

Session Classification: S4: INFRASTRUCTURE

Contribution ID: 20

Type: **not specified**

How to write a scientific publication?

Thursday 30 May 2024 17:00 (1 hour)

Presenter: REGENSPURG, Simona (GFZ)

Session Classification: S4: INFRASTRUCTURE

Contribution ID: 21

Type: **not specified**

Career development, planing, goal setting

Friday 31 May 2024 08:45 (45 minutes)

Presenters: REY CROWIE, Claudia (GFZ); SARRIA DULCEY, Maryory (GFZ)

Session Classification: S5: PROJECTS - Transfer

Contribution ID: 22

Type: **not specified**

Advertising, disseminating, transferring science.

Friday 31 May 2024 09:30 (45 minutes)

Presenter: ZENS, Josef (GFZ)

Session Classification: S5: PROJECTS - Transfer

Contribution ID: 23

Type: **not specified**

From Science to founding a company - DiGOS and FOMON

Friday 31 May 2024 10:45 (45 minutes)

Presenters: KLOTH, Andre (DiGos); LIPUS, Martin (FOMON)

Session Classification: S5: PROJECTS - Transfer

Contribution ID: 25

Type: **not specified**

Openday

Friday 31 May 2024 14:00 (3 hours)

Session Classification: S5: PROJECTS - Transfer

Contribution ID: 26

Type: **not specified**

Social dinner

Thursday 30 May 2024 20:00 (3 hours)

Contribution ID: 27

Type: **not specified**

wrap up discussion

Friday 31 May 2024 11:30 (45 minutes)

Session Classification: S5: PROJECTS - Transfer