

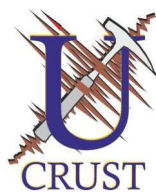
CRUST Workshop Chieti 2024

TOOLS, DATA, AND MODELS FOR 3D SEISMOTECTONICS: THE ITALIAN OVER TIME LABORATORY II EDITION

June 23rd -25th, 2024 - G. d'Annunzio University, Chieti, Italy



CRUST is an Italian interUniversity Center aimed to promote research and teaching in SeismoTectonics, meant as the analysis of long-term and present multiscale tectonics, to understand geodynamic and seismogenic processes controlling the seismic hazard.



Centro interUniversitario per l'analisi Sismotettonica Tridimensionale con applicazioni territoriali
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WORKSHOP PRESENTATION

From **June 23rd to 25th**, 2024, the second edition of the Workshop on 3D Seismotectonics, organized by the CRUST Community, will be held in **Chieti**. The inaugural edition, which took place in Perugia in 2019, commemorated Giampaolo Pialli, a brilliant structural and regional geologist. The previous Workshop garnered considerable success, drawing the participation of a hundred young and senior researchers.

The Chieti 2024 Workshop aims to showcase the latest advancements in Italian seismotectonics to understand earthquake-fault interactions and develop realistic 3D structural-seismotectonic models of Italy, ultimately improving seismic hazard assessment and risk mitigation.

Four oral sessions are planned, covering the following topics:

- Observational seismology for seismotectonics and rock physics
- Active tectonics and earthquake surface faulting – multi-methodological approaches
- Multiscale Advances in Seismotectonics
- Remarkable Outcomes from the latest PRIN and other projects led by CRUST PIs

An expansive open **poster session** on the above topics will allow participants to present their work and engage in discussions freely. Contributions to worldwide earthquake geology, seismology, tectonic geodesy, historical and present-day stress and deformation, crustal architecture, and dynamics modeling are encouraged. Innovative approaches and new data to develop novel ideas will be particularly welcomed.

A **Best Poster competition**, specifically open to Early Career Scientists, will be featured, with winners receiving certificates of awards and a prize of 2,000.00 euros.

All oral presentations will be by invitation to researchers from the overall national scientific community. The main aim of the meeting is to foster collaboration and exchanges among researchers from the CRUST community and all other research institutes dealing with seismotectonics.

INFORMATION

- The Workshop is **free of charge** and will be held at the **University Campus, in Chieti Scalo**.
- On the evening of **June 23rd**, there will be an **icebreaker social dinner** for all workshop attendees.
- The official languages of the event are Italian and/or English (submitted abstracts and PPTs must be in English).
- **Booking accommodations**, before submitting abstracts, is highly recommended (see the list of possible accommodations at the end of this document).
- The final Scientific Program will be defined after receiving all the abstracts for the invited talks and the free poster contributions.

Main topics of the Workshop

- | | | |
|----------------------------------|-------------------------------|--------------------------|
| - Surface faulting and fracture; | - Active tectonics; | - Geodesy; |
| - Quaternary basins; | - Seismotectonics; | - Gravimetry; |
| - Seismic monitoring; | - 3D fault model building and | - Seismic tomography; |
| - Seismic source; | surface reconstruction; | - Seismic hazard models. |
| - Stress-strain distribution; | - Seismic site effects; | |

Scientific Committee

- | | | |
|---|--|--|
| Fabio Cammarano
(University of Roma Tre) | (University of Bologna) | Debora Presti
(University of Messina) |
| Paolo Capuano
(University of Salerno) | Maurizio Fedi
(University of Napoli) | Silvio Seno
(University of Pavia) |
| Giorgio De Guidi
(University of Catania) | Anna Maria Marotta
(University of Milano) | Alessandro Tibaldi
(University of Milano Bicocca) |
| Rita de Nardis
(University of Chieti) | Cristina Pauselli
(University of Perugia) | Federica Ferrarini
(University of Chieti) |
| Luca De Siena | Eliaana Poli
(University of Udine) | |

Organizing Committee

- | | | |
|---------------------|-----------------|----------------------|
| Rita de Nardis | Daniele Cirillo | Carlo Andrenacci |
| Giusy Lavecchia | Simone Bello | Gemma Cipressi |
| Francesco Brozzetti | Ambra Palmucci | Federico Pietrolungo |
| Federica Ferrarini | | Donato Talone |



Important dates

Abstract submission deadline:

May 13th 2024

PARTICIPATION

Abstract Submission

The **deadline for the abstract submission is May 13th, 2024**. The abstract must be sent using the Abstract Form (<https://www.crust.unich.it/node/7132>). Abstracts must be submitted for invited talk and poster competition and sent to ambra.palmucci@phd.unich.it and Cc simone.bello@unich.it.

Instructions for poster presentation

1. Poster dimensions: A0 format (1189 mm x 841mm), in vertical layout.
2. Texts must be necessarily written in English.
3. From 8:00 to 16:00 on June 24th, 2024, all poster authors must register at the workshop registration desk, collect the poster number, and arrange the hard-copy placement on the assigned panel.

Best Poster Competition

A competition has been featured for ECS to promote new ideas and encourage networking. Researchers participating in the competition will be required to give a pico presentation lasting about 3 minutes each (up to 3 PowerPoint slides) and under request by the judging committee members, discuss the results achieved in the poster's show-up hall. The requirements for participating in the competition are:

1. The posters must present original research and must not have already been presented at previous meetings.
2. The PDF format of the Poster must be delivered to the workshop registration desk on the morning of June 24th or sent by e-mail, on the previous days to ambra.palmucci@phd.unich.it and Cc simone.bello@unich.it.
3. The PDF will be published in the archive on the CRUST website, subject to the authorization by the first Author.

A prize of € 2,000.00 is awarded to the best Poster presented, as first Author, by an ECS. The grant fund must be spent to attend, with an oral or poster presentation, international scientific meetings, and must be spent

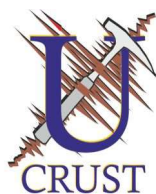
for travel, accommodation costs, and registration fees within the next two years (end of 2026). If the first Author cannot attend the Workshop, another co-author is eligible to receive the prize.

The Poster will be evaluated regarding its interdisciplinarity, innovativeness, and graphic design layout (readability, clarity, and appeal). A qualified commission of three members will select the winner. The winner will be announced at the close of the conference, between 16:00 and 16:30 on June 25th.

All the researchers who intend to participate in the Poster Competition must fill out the Form for the Best Poster (i.e. “*Domanda di partecipazione*” at <https://www.crust.unich.it/node/7132>) and send it to ambra.palmucci@phd.unich.it and Cc simone.bello@unich.it, by May 13th, 2024.

More details about participating in the competition are reported in the “Bando per il Premio Scientifico CRUST” available on the CRUST website (<https://www.crust.unich.it/node/7132>). Further information requests about the Poster competition should be addressed to ambra.palmucci@phd.unich.it (and Cc simone.bello@unich.it).





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PRELIMINARY CRUST WORKSHOP PROGRAM

Sunday - June 23rd, 2024

18:00 - Pre-registration and Social Dinner

Monday - June 24th, 2024

8:00-8:50 Registration

9:00-9:30 Opening Remarks

9.30-13.00 Multiscale Advances in Seismotectonics

Conveners (CAPUTO, LAVECCHIA, TOTARO)

9:30-11.00 6 Invited Talks

11.00-11.30 *Coffee break*

11.30-13.00 6 Invited Talks

13:00-14:30 *Lunch Break*

14:30-15:30 CRUST Assembly

15:30-17:30 Observational seismology for seismotectonics and rock physics

Conveners (CAMMARANO, SABADINI, AMORUSO)

15:30-17:30 8 Invited Talks

17:30-20:00 Pico-Presentation for Best Poster Competition

17:30-18:30 Poster Pico-Presentation

18:30-20:00 *Cocktail Dinner and Poster Viewing*

Tuesday - June 25th, 2024

9.00 -13.00 Remarkable Outcomes from the latest PRIN and other projects led by CRUST PIs

Conveners (PORRECA, TOSCANI, DE SIENA)

9.00 -11.00 8 Invited Talks

11.00-11.30 *Coffee break*

11.30-13.00 6 Invited Talks

13:00-14:00 *Lunch Break*

14.00-16.30 Active tectonics and Earthquake surface faulting – multi-methodological approaches

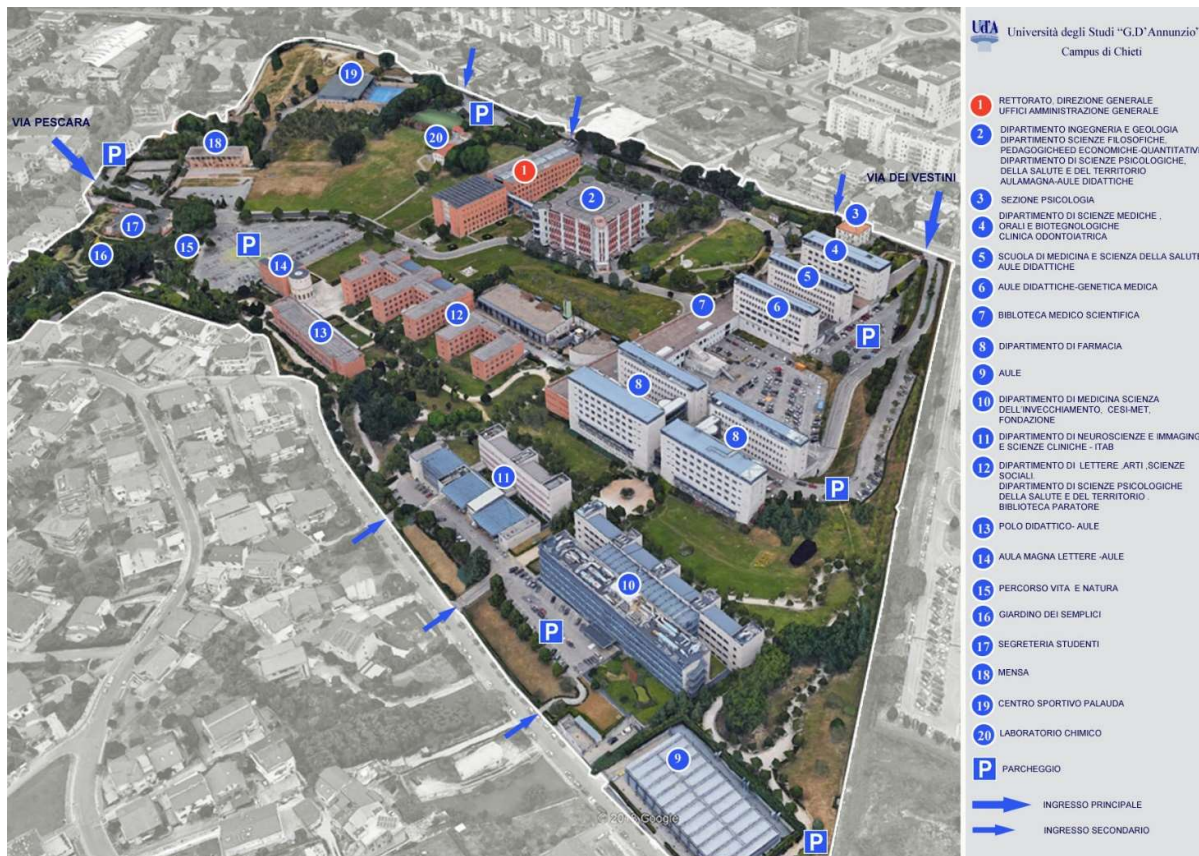
Conveners (BARRECA, BONALI, PAOLETTI)

14:00-16:00 **Invited Talks** (8 presentations)

16:00-16:30 Closing Remarks and Poster Award Ceremony

VENUE

The Workshop will be held in Chieti from **June 23rd to 25th**, 2024, in the vibrant and expansive campus of the G. d'Annunzio University, within the Rectorate **Auditorium** (Place number 1, in red, in the Map Below).



ACCOMMODATIONS

Grande Albergo Abruzzo

Via Asinio Herio, 20 – 66100
Chieti (CH)
3 stelle Reception 24h
Hotel con ristorante

Best Western Hotel Parco Paglia

Via Piaggio Erasmo, 13 -
66100 Chieti (CH)
4 stelle
Reception 24h
Parcheggio

Iacone

Viale Abruzzo, 372 - 66100
Chieti (CH)

Reception 24h
Hotel con ristorante
Parcheggio

Nuovo Albergo

Viale Croce Benedetto, 13 -
66100 Chieti (CH)
Aprire alle 19:30
Reception 24h

Affittacamere Cris

Viale Abruzzo, 605 - 66100
Chieti (CH)

Albergo Degli Amici

Via Colle dell'Ara 3 - 66100
Chieti (CH)

Antico Borgo Chieti

Via Monaco La Valletta 1 -
66100 Chieti (CH)

B&B Civico 70

Strada per Villamagna, 70 -
66100 Chieti (CH)

B&B Primavera Chieti Scalo

Via Marino da Caramanico, 7 -
66100 Chieti (CH)

Cantina Loft

Strada La Torre - 66100 Chieti
(CH)

Casa Made

Viale Benedetto Croce 444 -
66100 Chieti (CH)

Degli Amici

Via Colle dell'Ara, 3 - 66100
Chieti (CH)
Hotel con ristorante
Parcheggio

Harri's Hotel Chieti

Via Padre Alessandro
Valignani 219 - 66100 Chieti
(CH)

Il Glicine

Strada di Fosso Paradiso, 57 -
66100 Chieti (CH)

Il Mare in Collina

Strada Fosso Paradiso 29 -
66100 Chieti (CH)

Il Vecchio Mulino

Via Aterno, 429 - 66100 Chieti
(CH)
3 stelle
Hotel con ristorante
Parcheggio

Il Viale

Viale Amendola Giovanni, 73 -
66100 Chieti (CH)

La Piccola Oasi

Via dei Vestini, 70 - 66100
Chieti (CH)
Reception 24h

Residence Chiara

Viale Abruzzo 384 - 66100
Chieti (CH)

Villa Carmen

Via per Popoli, 232 - 66100
Chieti (CH)

Villa Lò

Via Filippone, 39 - 66100
Chieti (CH)

Il Dito e la Luna

Contrada Feudo, 154/A -
66010 Ripa Teatina (CH)
Hotel con ristorante
Parcheggio
Ambiente climatizzato

Hotel Dragonara

Via Nenni, 28 - 66020 San
Giovanni Teatino (CH)
Aperto fino alle 15:00
Piscina
Tavoli all'aperto
Servizi per disabili

B&B Villa Angela Vallemare

Via Bonifica - 65012 Cepagatti
(PE)

Dragonara

Via Nenni, 280 - 66020 San
Giovanni Teatino (CH)
3 stelle
Hotel con ristorante
Piscina

Hotel Pignatelli

Via P. Pignatelli, 2 - 65012
Cepagatti (PE)
Parcheggio

La Rotonda

Via Amerigo Vespucci, 6 -
65012 Cepagatti (PE)
3 stelle
Hotel con ristorante
Piscina

Queen Hotel Romantic House

Via di Nisio - 66020 San
Giovanni Teatino (CH)
Piscina
Spa

Queen Hotel S.r.l.

Via Palermo, 4 - 66020 San
Giovanni Teatino (CH)

Hotel Pignatelli

Via Pignatelli P., 6 - 65012
Cepagatti (PE)

**Agriturismo Tenuta Giardino
Fiorito**

Contrada Piane 51 - 66023
Francavilla al Mare (CH)

Aurum B&B

Via Solagna, 4 - 66020 San
Giovanni Teatino (CH)

Bed & Breakfast La Perla del 700

Via Fonte Catena, 4 - 65019
Castellana (PE)

Castello D'Abruzzo

Contrada Santo Stefano, 150 -
66010 Ripa Teatina (CH)

Dal Chiacchia

Via Chiacchiaretta, 53 - 66020
San Giovanni Teatino (CH)

Green Village

Strada Comunale della Scuola,
183 - 66010 Miglianico (CH)
3 stelle
Hotel con ristorante
Piscina

Hotel Bed & Business

Via Po, 19 - 66020 San
Giovanni Teatino (CH)
3 stelle
Parcheggio
Ambiente climatizzato

Hotel Spazio Residenza

Strada Comunale Piana, 98 -
65129 Pescara (PE)
Parcheggio

Johnny House

Via Vibrata, 15 - 65129
Pescara (PE)

Le Villette

Via Fontanelle 112 - 65129
Pescara (PE)

Lovehome

Via Moro Aldo, 212 - 66020
San Giovanni Teatino (CH)

Nadia B&B

Via Po, 113 - 65129 Pescara
(PE)

Parc Hotel Villa Immacolata

Località San Silvestro, 340 -
65100 Pescara (PE)
Piscina
Spa

Residence Candeloro

Contrada Fontechiaro 50 -
66023 Francavilla al Mare
(CH)
Piscina

S Hotel

Via Po, 86 - 66020 San
Giovanni Teatino (CH)

4 stelle
Reception 24h
Hotel con ristorante

**Sextantio Ospitalita' Diffusa -
S.r.l.**

Via Maiella, 2 - 65010
Spoltore (PE)

Smartfit House

Via Fontanelle, 26 - 65129
Pescara (PE)
Check-in 24 ore

Ventimiglia Federico Ruggero

Via Paludi, 39 - 66020 San
Giovanni Teatino (CH)

Villa Andrea B&B

Strada Casone, 54 - 65129
Pescara (PE)

Villa Pietro

Via Caduti per Servizio 6 -
65129 Pescara (PE)

SPONSORSHIP PARTNERS

