



4-10 JULY 2022
DRT 2022

23rd International Conference on Deformation Mechanisms, Rheology and Tectonics

The DRT conference is a biennial international meeting that has been running for more than 40 years, organized and hosted by academic staff from different European universities. DRT is one of the main world forums for presenting and discussing research in the fields of rock deformation, structural geology, rheology, tectonics, microstructures, rock physics and interactions between deformation and metamorphic/diagenetic reactions. The 23rd DRT meeting will be hosted at the Benedictine Monastery, a jewel of the late Sicilian Baroque (UNESCO world heritage list) in Catania (Italy), and it is organized by researchers of the Department of Biological, Geological and Environmental Sciences, University of Catania (Italy) together with colleagues from the INGV (National Institute of Geophysics and Volcanology - Catania). This 23rd edition will keep the tradition of DRT focusing on the study of the deformation behavior, rheology of minerals, rocks and materials, and tectonics.

Looking forward to seeing you in the vibrant sunny Catania!

Uni
ct SCIENZE BIOLOGICHE,
GEOLOGICHE
E AMBIENTALI



Università
di Catania

**Pre-conference
excursion to Etna
volcano**

**Post-conference field
trips:**

**Calabrian crystalline
basement
&
Hyblean Plateau**

Join our community

DRT SOCIETY



European Society for
Deformation Mechanisms,
Rheology and Tectonics was
established on the initiative of
Prof. Paul Bons on 2019
<http://drt-society.org/>

Organizing Committee

- Eugenio Fazio (DRT secretary)
- Gaetano Ortolano (DRT treasurer)
- Rosalda Punturo (DRT 2022 rep.)
- Andrea Cannata - Unict
- Stefano Catalano - Unict
- Rosolino Cirrincione - Unict
- Giorgio De Guidi - Unict
- Patrizia Fiannacca - Unict
- Rosanna Maniscalco - Unict
- Carmelo Monaco - Unict
- Giuseppe Puglisi - INGV Catania

Scientific Committee

The scientific committee is composed by the members of the organizing committee, the DRT-advisory board, whose members are:

- | | |
|---------------------------------------|-----------------------------------|
| • Paul Bons (President) | Tubingen University, Germany |
| • Maria-Gema Llorens (Vice President) | Geosciences Barcelona CSIC, Spain |
| • Gaetano Ortolano (Treasurer) | Catania University, Italy |
| • Till Sachau (Vice-Treasurer) | Tubingen University, Germany |
| • Eugenio Fazio (Secretary) | Catania University, Italy |
| • Virginia Toy (Ombudsperson) | University of Mainz, Germany |
| • Tamara de Riese (Early career rep.) | Tubingen University, Germany |
| • Pengfei Li (Liaison China) | Chinese Academy of Science, China |
| • Manish Mamtani (Liaison India) | IIT Kharagpur, India |
| • Rosalda Punturo (2022 rep.) | Catania University, Italy |

an external advisory board, whose members are:

- | | |
|-------------------|--|
| • Ian Alsop | Aberdeen University, UK |
| • Stefano Branca | INGV – Catania, Italy |
| • Susanne Buitert | RWTH Aachen University, Germany |
| • Rodolfo Carosi | Turin University, Italy |
| • Haakon Fossen | Bergen University, Norway |
| • David Iacopini | Naples University, Italy |
| • Rick Law | Virginia Tech Institute, USA |
| • David Prior | Otago University, New Zealand |
| • Toru Takeshita | Hokkaido University, Japan |
| • Bo Zhang | Peking University, Beijing, China |
| • Zhongbao Zhao | China Academy of Geol. Science, Beijing, China |

and two early-career researchers:

- | | |
|---------------------|----------------------------------|
| • Chiara Montemagni | Milano Bicocca University, Italy |
| • Matteo Simonetti | Turin University, Italy |

Invited Speakers

- | | |
|-----------------------|---|
| 1. Valerio Acocella* | Università Roma Tre, Italy |
| 2. Rob Butler | Aberdeen University, UK |
| 3. Elena Druguet | Autonomous University of Barcelona, Spain |
| 4. Bernhard Grasemann | Vienna University, Austria |
| 5. Agust Gudmundsson* | Royal Holloway, University of London, UK |
| 6. Luca Menegon | University of Oslo, Norway |
| 7. Sandra Piazzolo | Leeds University, UK |
| 8. Eleonora Rivalta | Università Bologna, Italy |
| 9. Claudia Trepmann | Munich University, Germany |
| 10. Paris Xypolias | University of Patras, Greece |
| 11. Jiří Žák | Charles University, Czech Republic |

** to be confirmed*

THEMES AND SUB-THEMES

1. Microtectonics
2. Rock rheology and petrophysical properties of crustal and mantle rocks
3. Geophysical exploration, seismic interpretation, natural energy resources
4. New perspectives of virtual field trips/outcrops and 3D geo-modeling
5. Mountains building & Tectonics
6. Volcano-tectonics
7. Active tectonics from seismology, geodesy, and field studies
8. Interplay between tectonics, crustal melting and granitoid magmatism
9. Field-investigation of geological structures from the brittle crust to the surface
10. Numerical & Analogue Modeling of geological processes
11. General topics

AWARDS (best talk and best poster)

Poster judges

- 1 advanced-career researcher (on site nomination)
- 2 early-career researchers (on site nomination)

Talk judges

- 1 advanced-career researcher (on site nomination)
- 2 early-career researchers (on site nomination)

Website and Facebook page of DRT Society:

[European Society for Deformation Mechanisms, Rheology and Tectonics \(drt-society.org\)](https://drt-society.org/)

[Drt2022 Catania - Deformation mechanisms, Rheology and Tectonics - Posts | Facebook](#)

EXCURSIONS

Pre-conference field trip: Etna volcano	Post-conference field trip: Calabria crystalline complexes	Post-conference field trip: Hyblean Plateau
Monday 04-07-2022	Friday 08 & Saturday 09-07-2022	Sunday 10-07-2022
(max 50 pax - 1 day)	(max 50 pax - 2 days)	(max 50 pax - 1 day)
Volcano-tectonics evidences (Field trip leaders: Puglisi, Monaco, Punturo, De Guidi, Ferlito)	From brittle-to ductile deformation: Messina Strait fault system (Field trip leaders: Monaco, Barreca, Ferranti) & crystalline basement: Palmi Shear Zone (Field trip leaders: Cirrincione, Fazio, Ortolano) - Rovaglioso syntectonic granitoids (Field trip leaders: Fazio, Fiannacca)	Faults and sedimentary basins (Field trip leaders: Catalano, Maniscalco)

CONFERENCE PROGRAMME DRT2022

Monday 4th July: Pre-conference excursion (Etna) and icebreaker party

Tuesday 5th July: Opening ceremony. Oral and poster sessions

Wednesday 6th July: Oral and poster sessions, conference dinner

Thursday 7th July: Oral and poster sessions, business meeting and closure ceremony

Friday 8th & Saturday 9th July: Post-conference field trip (Calabria)

Sunday 10th July: Post-conference excursion (Hyblean plateau – Siracusa and Ragusa districts)

Social event in Catania (mid-conference event – social dinner 6th July 2022)

Benedictine Monastery

Note: Clause on registration for conferences/excursions: no reimbursement of registration is due if the excursion cannot/should not take place (pandemic or other force majeure). If the in-person conference is not possible for the participant, it will be converted into a teleconference, in which case he/she must send a request by email by 15 June 2022 and the quote will be partially refunded of the difference between the in-person and virtual mode. Requests received after the above time limit will not be taken into consideration by the administration (reimbursement times may be long, in any case the payment due will be made within three months from the communication of the interested party).

Scientific Patronages

- Università degli Studi di Catania
- TecTask (IUGS)
- INGV Istituto Nazionale di Geofisica e Vulcanologia)
- SGI (Società Geologica Italiana)
- SIMP (Società Italiana di Mineralogia e Petrologia)



Università
di Catania



Sponsor opportunity standard packages

Diamond (800 €); Topaz (500 €); Quartz (300 €); Calcite (100 €)

Other sponsorship options are available (see next pages, for more information please send a request to efazio@unict.it or ortolano@unict.it)

Catania, Italy (4-10 July 2022) “Geo-thinking the future planet: how traditional geosciences benefit from innovations”

Sponsorship Packages	Diamond	Topaz	Quartz	Calcite
	€ 800	€ 500	€ 300	€ 100
Registration Desk – Auditorium Hall				
Premier location roll-up space	2	1		
Standard roll-up space			1	1
Social media shout-out and blog post by us about you(r) company	✓	✓	✓	✓
Thank you in email newsletter & branding on promotional materials	✓	✓	✓	✓
Marketing and Branding				
Sponsor logo on DRT2022 Conference web site (dimension pixel size)	(600*600)	(400*400)	(300*300)	(200*200)
Space in the conference program for ad or company profile/logo (materials due 20/02/2022)	2 Full pages	Full page	1/2 page	1/4 page
Main stage sponsor logo presence	✓	✓	✓	✓
Attendee portfolio literature insert (sponsor responsible for production of 8.5 x 11"; double sided single sheet, postcard, or USB pendrive. Approval required by DRT2022 planning committee; due 20/2/2022)	2	1		
Receive full attendee registration list (opt-out) name and email ✓	✓	✓		
One day (6 th July 2022) Conference Pass (including social dinner)	2	1		

Payment details: bank account name: DRT, with the VR Bank Tuebingen eG, Herrenbergerstr. 1-5, 72070 Tübingen, Germany.

IBAN: DE35 6406 1854 0319 9720 03

BIC: GENODES1STW



Catania, Italy (4-10 July 2022) "Geo-thinking the future planet: how traditional geosciences benefit from innovations"

Please Select Extra Promotional Opportunities (if any):**Promotional Extra Sponsorship Opportunities: All Sponsors & Partners****Mark your choices
(multiple options)**

Sponsorship	Cost	Deadline	Description	
Conference Program Sponsor	€ 1000	20/02/2022	Sponsor the production of the conference program; sponsor logo featured on the front of the program	<input type="checkbox"/>
Portfolio Sponsor	€ 600	20/2/2022	Sponsor the production of portfolios for conference attendees; sponsor logo featured on the front of the portfolio	<input type="checkbox"/>
Water-bottle	€ 500	20/02/2022	Sponsor logo on the water-bottle distributed to all conference attendees	<input type="checkbox"/>
Bag Sponsor	€ 400	20/02/2022	Sponsor logo on the bag/rugsack	<input type="checkbox"/>
Lanyard/Badge Holder	€ 300	20/02/2022	Sponsor logo on the lanyard; distributed to all conference attendees	<input type="checkbox"/>
Conference Pen	€ 200	20/02/2022	Sponsor logo on the pen barrel	<input type="checkbox"/>
Portfolio Literature Insert	€ 100	20/02/2022	Sponsor literature (8.5 x 11" sheet, postcard or USB pendrive) placed in portfolio of all conference attendees; sponsor responsible for production	<input type="checkbox"/>
Special Events (program dates are indicated)				
Social dinner	€ 1500	6/7/2022	Sponsor dinner for conference attendees; verbal recognition of sponsor(s) and sponsor logo featured on tables	<input type="checkbox"/>
Conference Lunch	€ 1000	5/7/2022	Sponsor lunch for conference attendees; verbal recognition of sponsor(s) and sponsor logo featured on tables	<input type="checkbox"/>
		6/7/2022		<input type="checkbox"/>
		7/7/2022		<input type="checkbox"/>
Refreshment Break	€ 500	5/7/2022	Sponsor a refreshment break for attendees; verbal recognition of sponsor (s) and logo featured on tables	<input type="checkbox"/>
		6/7/2022		<input type="checkbox"/>
		7/7/2022		<input type="checkbox"/>

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Registration form (to be compiled online at www.drt-society.org)

23rd DRT (Deformation mechanisms, Rheology and Tectonics) conference - Catania (Italy) 2022

Period: 4th-10th July 2022

Venue: University of Catania - Benedictine Monastery, Piazza Dante 30, 95124 Catania (CT) - Italy

Contacts: (+39) 0957195752; eugenio.fazio@unict.it or gaetano.ortolano@unit.it or rosalda.punturo@unict.it

Email : _____

First Name : _____

Family Name : _____

Organization/Affiliation Name : _____

Organization/Affiliation Address (please specify ZIP code, city, country) : _____

Please select your attendance mode

- ☐ On site mode (in person)
- ☐ On line mode (virtual poster session & streaming or recorded talks)

Please make your choice. The registration fee includes the 25 euros DRT-membership fee (2022-2023). Early bird fees are valid until 1st March 2022.

- ☐ Student discounted fee - early bird (30 EUR online mode / 125 EUR onsite mode)
- ☐ Regular fee - early bird (50 EUR online mode / 250 EUR onsite)
- ☐ Student discounted fee - late bird (60 EUR online mode/ 175 EUR onsite mode)
- ☐ Regular fee - late bird (100 EUR online mode / 350 EUR onsite)

Please select your extra activities (if any)

- ☐ Webinar/Workshop (10 EUR online/15 EUR onsite)
- ☐ Field trip 1: Etna volcano (dur. 1day - 4th July 2022 - max 50 pax - 40 EUR).
- ☐ Field trip 2: Calabria crystalline basement (dur. 2 days - 8th & 9th July 2022 - max 50 pax - 140 EUR)
- ☐ Field trip 3: Hyblean Plateau (dur. 1 day - 10th July 2022 - max 50 pax - 40 EUR)
- ☐ Social dinner (6th July - max 120 pax - 40 EUR)
- ☐ None of the above extra activities

Please select the workshop/webinar (if any)

- ☐ W1) Hyblean plateau research in progress: Catalano S. (UniCT) - Maniscalco R. (UniCT)
- ☐ W2) Flank stability and structure on volcanoes: Bonforte A. (INGV) - Di Traglia S. (OGS)
- ☐ W3) Present-day kinematics of Sicily from a PS-InSAR analysis of Sentinel-1 data: Henriquet M. (CEREGE)
- ☐ W4) Quantitative microstructural analysis: Ortolano G. (UniCT) – Visalli R. (UniCT)
- ☐ W5) Virtual outcrop & 3D models: Fazio E. (UniCT) – Thiele S. (Freiberg) – Lanzafame G. (UniCT)
- ☐ None, I am not interested

I would like to contribute to DRT2022 meeting by means of:

- ☐ Oral presentation
- ☐ Poster presentation
- ☐ Short presentation: Pecha kucha (max. dur. 2 min.) or 1-slide/1-minute
- ☐ I don't know exactly at the moment
- ☐ None, only attendance without contribution

Diet/food preferences (if any)

- ☐ None
- ☐ Vegetarian
- ☐ Vegan
- ☐ Gluten free
- ☐ Other (please specify)

Refund policy: agreement between the participants and the organization of the DRT 2022 Catania meeting

I confirm that I agree to pay the registration fee and extras I have indicated on this form by the deadlines of March 1st 2022 as Early Bird (or 10th May 2022 as Late Bird - see instructions at www.drt-society.org) by selecting "Yes" in the box below, otherwise my registration for the DRT2022 meeting will be cancelled. I understand that any cancellation on my part, for any reason, after 30th May 2022 will not entitle me to a refund from the event organizers or the European DRT Society (in any case I understand that for organizing reasons a penalty fee equal to the 30% of the amount already paid will not be refunded). If extra scheduled events are cancelled due to organizational reasons, I will receive a refund for the amount paid for each event cancelled within three months from the date of the event or choose an alternative event proposal (Note: clause on registration for conferences/excursions: no reimbursement of registration is due if the excursions or conference cannot/should not take place for pandemic or other force majeure). If the in-person conference is not possible for the participant, it will be converted into a teleconference, in which case he/she must send a request by email to organizers by 15th June 2022 and the quote will be partially refunded of the difference between the in-person and virtual mode. Requests received after the above time limit will not be taken into consideration by the administration (reimbursement times may be long, in any case the payment due will be made within three months from the communication of the interested party). I confirm that the data indicated in this form are true and correct at the date of compilation (please check the data and options selected before confirmation).

- ☐ Yes _____ (please sign here)

Date: _____ Place: _____

I authorize the use of the personal data submitted according to the Italian law (D.lgs. 196, 30th June 2003) for institutional purposes.

P.S. If you are unable to access and pay on the website for any reason, you can also alternatively complete this form and send a signed copy to the organizers at the following email addresses: efazio@unict.it or ortolano@unict.it or punturo@unict.it by providing your name, who sent the money, for how many people, and who exactly are these people, your status (regular fee, etc.).

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The European Society for Deformation mechanisms, Rheology and Tectonics (DRT; Europäische Gesellschaft für Deformationsmechanismen, Rheologie und Tektonik e.V) is a non-profit, charitable Society (Registered in Tübingen, Germany, under number 86166/17153).

President: Prof. Paul Bons (University of Tübingen - Department of Geoscience)

Address: Schnarrenbergstrasse 94-96, 72076 Tübingen, Germany

DRT Society supporting PhD students & Early-career researchers

The DRT Society (Europäische Gesellschaft für Deformationsmechanismen, Rheologie und Tektonik e.V) will support PhD students and early-career researchers who intend to participate in DRT2022 by offering either accommodation for the duration of the congress and/or extra activities (e.g. excursions, workshops) planned for the meeting that will be held in Catania (Italy) from 4 to 10 July 2022 (people from less developed countries will have priority - selection will be made on the basis of criteria related to the CV of the candidates). More information about these support opportunities will be given shortly in the second circular (by the end of February).

