



TIDALITES₂₀₂₂

The 10TH International Congress of Tidal Sedimentology

improving energy recovery

protecting environment

predicting climate changes

Matera (Italy) 3-5 May 2022

Auditorium "R. Gervasio"



www.tidalites2022.it

info@tidalites2022.it



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Dear Friends and Colleagues,

We are very glad to announce the opening of the registration to the **10th International Congress of Tidal Sedimentology**, which will be held in **Matera**, southern Italy, from **3rd to 5th of May 2022**. Tidalites 2022 will take place in the hypogean Auditorium 'R. Gervasio' in the heart of the ancient 'Sassi', and it will be conducted in hybrid mode (in-person, as well as with the possibility for live streaming). Oral and poster sessions during the three days of the congress will be opened by keynotes provided by world-known leading-edge researchers (names will be announced soon), who will present the latest scientific breakthrough about the role that tidal sedimentology plays in the fields of **Energy**, **Environment**, and **Climate**, the three macro-themes of Tidalites 2022.

1. Tidalites 2022 Specific Scientific Themes (in alphabetical order):

- Anthropogenic impact on modern tidal environments;
- Carbon Sequestration in tidal deposits;
- Carbonate and evaporitic tidal systems;
- Climate change and tidal dynamics;
- Deep-water tidal processes and products;
- Influence of sea-level changes on tidal currents;
- Influence of tidal dynamics on coastal systems;
- Modern and ancient tidal flats, estuaries, deltas and straits;
- New frontiers of Tidal Sedimentology for Oil & Gas exploration and production;
- Numerical modelling of tidal sediment dynamics;
- Paleogeographic tidal reconstructions;
- Renewable tidal energy resources;
- Tidal constituents, cyclicities and sediment rhythms;
- Tidal signature in the rock record;
- Tide-dominated straits and seaways in sustainable economic strategies;
- Unconventional / extreme tidal settings.

2. Tidalites 2022 Field Trips

Field trips focused on modern and ancient tidal environments will precede and follow the congress activities. Tidalites 2022 is among the few scientific meetings, if not the only one, to provide with so much advance all the field trip guides published in a Diamond Open-Access journal (FT1 to FT7). This will help attendees to choose in advance which activities they might be most interested in, and to make the most of the conference. The field trip guides can be downloaded from the Tidalites 2022 webpage www.tidalites2022.it.

3. Tidalites 2022 Important Dates

- ➡ **December 2021:** on-line opening of the registration and call-for abstracts;
- ➡ **February 2022:** Closing of abstract submission and evaluation from the Scientific Committee;
- ➡ **March 2022:** Closing of on-line registration and communication of the Definitive Programme;
- ➡ **April-May 2022:** pre-congress field trips, meeting and post-congress field trips.

4. Tidalites 2022 Provisional Programme

Pre-congress Field Trips (April 29—May 2)	1 st Day Tuesday 3 May	2 nd Day Wednesday 4 May	3 rd Day Thursday 5 May	Post-congress Field Trips (May 6-8)
Return from the pre-congress field trips FT1-FT2-FT3	Opening Ceremony and Authority Greeting	3 rd Keynote Oral and poster scientific session	5 th Keynote Oral and poster scientific session	Post-congress Field Trips FT4-FT5-FT6-FT7
In the evening ...	1 st Keynote Oral and poster scientific session	Lunch break	Lunch break	
Ice-breaker Party with live music in the heart of the old 'Sassi di Matera'	Lunch break	4 th Keynote Oral and poster scientific session	Closing Ceremony	
	2 nd Keynote Oral and poster scientific session	Tidalites Roundtable Visit to the old 'Sassi di Matera'		
		Gala Dinner Awarding of the early-career scientist best presentation		

5. Abstract Submission

Tidalites 2022 promotes active and lively scientific discussions during the three days of oral and poster sessions. The abstracts must be submitted exclusively through the on-line registration form available at www.tidalites2022.it.

Text must be in English and no longer than 400 words, excluding title, authors, affiliation, figure caption and references. Abstracts can include one figure (res. 400 dpi) with caption, and must be compiled by referring to the template available in the registration form. The total length of the abstract (including the figure) should not exceed one A4 page. The abstracts can be uploaded by using the Registration Form at www.tidalites2022.it. The Scientific Committee will assess them. Each Author will receive an official communication of acceptance in the next few days after the evaluation.

6. Tidalites 2022 Travel Grants

Travel Grants are kindly provided by IAS and SEPM.

IAS Student Members can apply for an IAS travel grant through the IAS website at: <http://www.sedimentologists.org/>. The deadline for IAS travel grant applications is **1 March 2022**. IAS student members submit their application through the website before the deadline. The application procedure requires submitting a short letter of motivation and proof of enrolment as a PhD student, together with some specific details about location and travel distance, affiliation, etc. Guidelines for applicants have recently been updated on the IAS website at:

https://www.sedimentologists.org/repository/docs/travel_grant_guidelines.pdf.

Students that are SEPM members can apply for a travel grant. As soon as SEPM will communicate the procedure for travel-grant application, we will inform at: www.tidalites2022.it and <https://www.sepm.org/>.

7. Scientific Presentations

The active participation from attendees to Tidalites 2022 will be through oral and poster presentations. Oral presentations will have a time limit of 12 minutes allowing an additional 3 minutes for Q&A. Posters will be exposed during the entire duration of the congress in a separate area located beside the conference room of the Auditorium 'R. Gervasio'. The online modality of attendance to Tidalites 2022 allows the regular submission of the abstract but only as oral pre-recorded presentation (no poster). In case a participant registers with this option, instructions about the way to submit a pre-recorded presentation file and the modality of remote connection will be communicated about one month before the dates of Tidalites 2022.

8. Anti-Covid-19 restrictions

Due to the current pandemic crisis and in order to provide the highest level of safety possible for the attendees during the conference, the Tidalites 2022 Organising Committee is implementing a policy to require full COVID-19 vaccination to all the participants. The use of medical or filtrating masks (without vents and with good seal around the mouth and nose) in all indoor venues of the conference will be mandatory, unless after specific indications. **Participants will be admitted to the in-person conference room only after having presented to the Secretary Desk at the entrance of the Auditorium R. Gervasio, an official certificate demonstrating a full-vaccination state or the negative response of a PCR test done in the last 48 hours.** We warmly suggest to take into consideration the guidelines continuously updated in the official website of the Italian Minister of Health at: <https://www.salute.gov.it/portale/nuovocoronavirus/homeNuovoCoronavirus.jsp?lingua=english>.



9. Organisation

Tidalites 2022 is organised by the *University of Basilicata* (UNIBAS), in cooperation with the *Italian Geological Society* (SGI), the *International Association of Sedimentologists* (IAS) and the *Society for Sedimentary Geology* (SEPM). The scientific activities and logistic are also promoted by the following associations and institutions:



10. Sponsors and Partners

The *Department of Sciences* (DIS) of the University of Basilicata (Potenza) and *Fondazione ENI Enrico Mattei* (FEEM) are sponsors of Tidalites 2022. Irreplaceable logistic supports of the congress are the *Geology Student Association of UNIBAS* (GEOBAS) and *ZeroUno* for web designing and maintenance.



11. Committees

Organizing Committee

- Sergio G. Longhitano (University of Basilicata, Italy)
- Domenico Chiarella (Royal Holloway University, London, UK)
- Valentina M. Rossi (IGG-CNR, Italy)
- Marcello Tropeano (University of Bari, Italy)
- Luisa Sabato (University of Bari, Italy)
- Vincenzo Pascucci (University of Sassari, Italy)
- Marcello Gugliotta (Bremen University, Germany)
- Marco Brandano (University of Roma La Sapienza, Italy)
- Massimiliano Ghinassi (University of Padova, Italy)
- Andrea D'Alpaos (University of Padova, Italy)
- Franco Muto (University of Calabria, Italy)
- Emilia Lepera (University of Calabria, Italy)
- Pascal Barrier (UniLaSalle, Paris, France)
- Filippo Cristallo (Geology of Matera, Italy)

Scientific Committee

- Robert W. Dalrymple (University of Queens, Canada)
- Ron J. Steel (Jackson School of Geosciences, USA)
- Allard Martinus (Equinor, Tromsø, Norway)
- Poppe de Boer (University of Utrecht, Netherlands)
- Bernadette Tessier (University of Normandy, France)
- Jesper Bartholdy (University of Copenhagen, Denmark)
- Jean-Yve Reynaud (University Lille, France)
- Roberto A. Scasso (University of Buenos Aires)
- Massimiliano Ghinassi (University of Padova, Italy)
- Shahin Dashtgard (Simon Fraser University, Canada)
- Andrea Cucco (Institute of Oceanography, IAMC-CNR, Italy)
- Yoshiki Saito (Shimane University, Japan)
- Francesco L. Chiocci (Università di Roma La Sapienza, Italy)

Tidalites International Steering Committee

- Jesper Bartholdy (University of Copenhagen, Denmark (CHAIRMAN))
- Clark Alexander (Skidaway Inst. of Oceanography, Georgia, USA)
- Alexander Bartholomä (Senckenberg Institute, Germany)
- José I. Cuitiño (University of Buenos Aires, Argentina)
- Robert Dalrymple (Queen's University at Kingston, Canada)
- Poppe L. DE Boer (University of Utrecht, The Netherlands)
- Burg W. Flemming (Senckenberg Institute, Germany)
- Shu Gao (Nanjing University, China)
- Yong A. Park (Seoul National University, Korea)
- Jean-Yves Reynaud (University of Lille, France)
- Roberto A. Scasso (University of Buenos Aires, Argentina)
- Bernadette Tessier (CNRS, University of Caen, France)
- Hong Wang (Geological Survey Centre, Tianjin, China)
- Ping Yin (Qingdao Institute of Marine Geology, China)

12. Contacts

Communications, questions and information on the scientific programme and logistical aspects about the congress and field trips can be sent at: info@tidalites2022.it or by contacting the Tidalites 2022 Scientific Director Sergio G. Longhitano (sergio.longhitano@unibas.it).

