



# pre-Tidalites Virtual Symposium

A free, on-line workshop preceding the 10th International Congress of Tidal Sedimentology in Italy, Tidalites 2022

<https://www.tidalites2021.it/symposium/>

October 5<sup>th</sup>-6<sup>th</sup> 2021



The current pandemic emergency has forced us once again to postpone the **10th International Congress of Tidal Sedimentology**, which for 40 years has been held every four years hosted by various countries around the world and which for the first time will be organized in Italy.

While waiting for a better international situation allowing to resume congress activities, hopefully in the spring of 2022, the organizing committee of Tidalites proposes a virtual symposium on **October 5<sup>th</sup> and 6<sup>th</sup> 2021**, sponsored by the Italian Geological Society.

The workshop will host key notes by six international geoscientists who will present some of the latest breakthroughs on the sedimentary dynamics of modern and ancient tidal environments. The international community is invited to join us at the **pre-Tidalites Virtual Symposium**, as we wait for **Tidalites 2022** in Matera.

**October 5<sup>th</sup>, 2021** <https://global.gotomeeting.com/join/347245757>  
h 14:30 (CET)



14:45-15:10:  
*Tidal, seasonal, and anthropogenic control on the sedimentology and morphologic evolution of macrotidal flats, west coast of Korea*

Prof. Kyungsik Choi  
School of Earth and Environmental Sciences  
Seoul National University, Korea



15:20-15:45:  
*Seafloor morphologies and benthic habitats in tidal environments: a case study from the Venice Lagoon*

Dr. Fantina Madricardo  
Consiglio Nazionale delle Ricerche  
ISMAR Istituto di Scienze Marine  
Bologna, Italy



15:55-16:20:  
*Sedimentology and internal heterogeneity of tidal bar deposits: input in reservoir modelling with an example from the Norwegian Continental Shelf*

Dr. Carlo Messina  
Equinor, Oslo, Norway

<https://global.gotomeeting.com/join/371504069> **October 6<sup>th</sup>, 2021**  
h 15:30 (CET)



15:45-16:10:  
*Dynamic interactions between tides and coastal systems: a modelling approach*

Prof. Nicoletta Leonardi  
Department of Geography and Planning  
University of Liverpool, UK



16:20-16:45:  
*Ichnology of tidal environments: assessing environmental controls, benthos response, and ecosystem engineering*

Prof. Lousi Buatois  
College of Arts and Science  
University of Saskatchewan, Saskatoon, Canada



16:55-17:20:  
*Sedimentology, stratigraphy, and regional significance of a latest Miocene to early Pliocene fault-controlled tidal straight in the lower Colorado River valley, USA*

Prof. Rebecca Dorsey  
Department of Earth Sciences  
University of Oregon, Eugene, USA

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