



InterPore2022

Hybrid

14th Annual Meeting

30 May - 02 June 2022

Abu Dhabi & Online

Satellite Short Courses 29 May & 03 June

Interdisciplinary Porous Media Topics

The **scientific program** ranges from **pore-scale modeling**, **pore-scale imaging**, to **experimental and numerical methods on larger scales**, to **sensitivity and uncertainty analysis**. Stay abreast of the latest porous media research on trending topics such as **energy storage**, **biotechnics** and **nature-based agriculture**. Presentations will be given in **24 minisymposia** on a wide variety of porous media processes in highly diverse applications, including: **transport phenomena**, **soil mechanics**, **fuel cells**, **filters**, **foams**, **membranes** and **more**. Find collaborative **industrial** and **application-oriented institutional partners**.

Abu Dhabi

Abu Dhabi, the bustling high-rise capital of the United Arab Emirates, is a **melting pot of culture, history, heritage, nature, beaches, luxury, wildlife and shopping**. Abu Dhabi Airport has non-stop passenger flights scheduled to 115 destinations with **flights from most European cities for less than 500€**. **Entry visas are free of charge upon arrival** at Abu Dhabi International Airport for citizens of over 70 countries. **Vaccinated travelers** arriving from 95 countries are **not required to quarantine**. **Special room rates at convention hotels start at 53€ per night**.



جامعة خليفة
Khalifa University

On-Site, Online & On-Demand

Publishing Opportunities

Networking Events

Physical & Virtual Exhibitions

Student Poster Awards

Conference Grants

Workshops & Lab Tours

Program Committee

Chair: Patrick Jenny - *ETH Zürich*

Vice-Chair: Sridhar Raganathan - *Kimberly Clark*

Local Organizing Committee

General Chair: Arif Sultan Al Hammadi - *Khalifa University*

Chair: Mohamed Sassi - *Khalifa University*

Co-Chair: Dimitrios Kyritsis - *Khalifa University*

Co-Chair: Sayed Alhashmi - *Khalifa University*

www.interpore.org/2022



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Plenary Speakers



Laura De Lorenzis

ETH Zürich

Phase-field modeling and simulation of desiccation-induced cracking



Abraham Stroock

Cornell University

The Pulse of Plants



Adam Weber

Lawrence Berkeley National Laboratory

Transport and Multiphase Flow in Porous Media



Peng Xu

China Jiliang University

Fractal Theory of Porous Media

Hybrid Conference Format

On-Site

The conference will be held at Khalifa University's state-of-the-art campus in the heart of Abu Dhabi. Join us for lectures, networking and social events, a physical exhibition hall, fascinating presentations, poster sessions, and more.

Online

Virtual conference events and features will be available to all participants through Whova, the online conference platform. Oral presentations can be joined live online. A virtual poster hall will feature digital posters and interactive elements. Discover the latest in software and technology at the online exhibition hall.

On-Demand

Plenary and invited lectures will be recorded for viewing at anytime. Watch pre-recorded presentations for all sessions and interact with all participants through chat and messaging features 24/7.

Invited Speakers

Eduardo Cardoso de Abreu - *University of Campinas (UNICAMP)*

Sujit S. Datta - *Princeton University*

Dominique Derome - *Université de Sherbrooke*

Zuleima T. Karpyn - *Pennsylvania State University*

Stephan Matthai - *University of Melbourne*

Vahid Niasar - *University of Manchester*

Evangelos Tsotsas - *Otto von Guericke-Universität*

Ruina Xu - *Tsinghua University*

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