

# InterPore2022

Hybrid

## 14<sup>th</sup> Annual Meeting

30 May - 02 June 2022

Abu Dhabi & Online

Satellite Short Courses 29 May & 03 June



جامعة خليفة  
Khalifa University

On-Site, Online & On-Demand

Publishing Opportunities

Networking Events

Physical & Virtual Exhibitions

Student Poster Awards

Conference Grants

Workshops & Lab Tours

## 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**.



## Program Committee

Chair: Patrick Jenny - *ETH Zürich*

Vice-Chair: Sridhar Raganathan - *Kimberly Clark*

## Local Organizing Committee

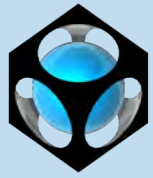
General Chair: Arif Sultan Al Hammadi - *Khalifa University*

Chair: Mohamed Sassi - *Khalifa University*

Co-Chair: Dimitrios Kyritsis - *Khalifa University*

Co-Chair: Sayed Alhashmi - *Khalifa University*

[www.interpore.org/2022](http://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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