



**8<sup>th</sup> Brazil Chapter  
InterPore**  
11-13 August, Florianópolis-SC



## **8<sup>th</sup> Brazil Interpore Chapter Conference on Porous Media**

Website: <https://2025interporebr.ufsc.br/>

### **General Overview**

The 8<sup>th</sup> Brazil InterPore Chapter conference was held at the Trindade Campus of the Federal University of Santa Catarina (UFSC) in Florianópolis, Santa Catarina, Brazil. The choice of venue was particularly fitting, as UFSC is a leading research center for porous materials, with extensive facilities in its Engineering and Geology departments studying everything from advanced polymers and ceramics to aquifers and reservoir rocks.

This vibrant academic setting served as an engaging forum for interdisciplinary collaboration. The conference focused on global issues through the lens of porous media, integrating theoretical, computational, and experimental approaches across science and engineering. Drawing a total of 138 attendees, the event brought together students, academics, and industry experts to promote the exchange of ideas and encourage new collaborations.



### **Scientific Program**

#### **Program Overview**

The conference's scientific program was robust, featuring 16 plenary lectures, 4 industry-academia seminars, 44 oral presentations, and 27 poster presentations. The sessions covered a wide range of interdisciplinary topics, including:

- Oil Science
- Carbon and Hydrogen Capture and Storage
- Biomaterials and Biomechanics
- Rock and Soil Issues
- Ceramics: Processing and Application
- Porous Building Materials
- Mathematical and Computational Modeling
- Water Resources
- Microfluidics

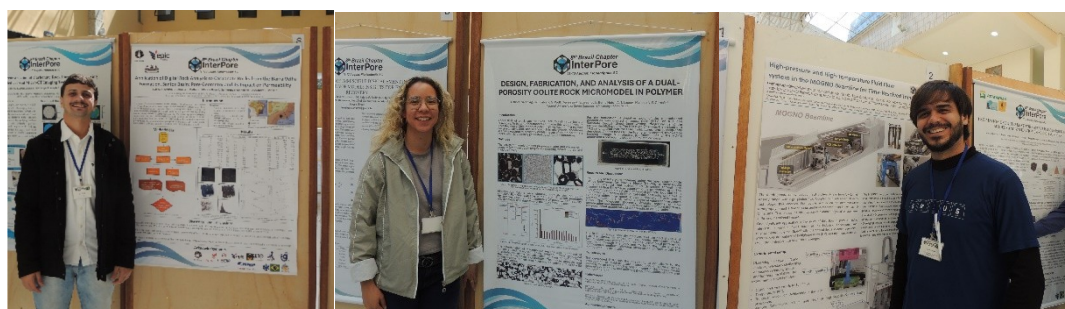
### Invited Speakers and Presentation Formats

Among the 16 plenary speakers, seven were from international universities (one presenting online), five were from national universities and research centers, and four represented industry. Speaker biographies are available on the conference website (<https://2025interporebr.ufsc.br/confirmed-invited-speakers/>).



To accommodate the large number of submissions, oral presentations were held in parallel sessions. Posters were displayed throughout the conference, with nine new posters featured each day. The poster presentation sessions were conveniently held during the daily coffee breaks, and the top three posters received awards at the event's conclusion.

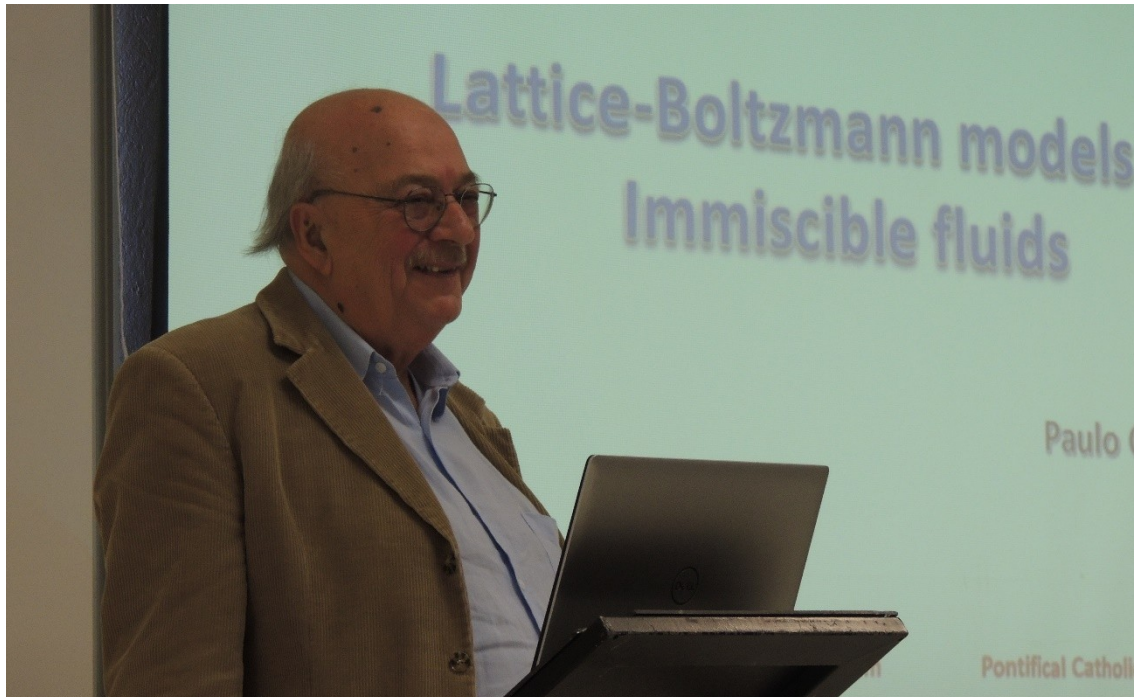
The full conference program can also be found on the website (<https://2025interporebr.ufsc.br/>).



Special Ceremony



A notable highlight, and a first for the Brazil InterPore Chapter, was a special homage ceremony. Professor Dr. Paulo Cesar Philippi was formally acknowledged for his significant contributions to the field, particularly his pioneering work on Lattice-Boltzmann models for multiphase flows in porous media. This special session was held at the conclusion of the first day.



## Participants

The 8<sup>th</sup> Brazil InterPore Chapter conference attracted a total of 138 attendees. The event had strong national participation, with 127 attendees from four of Brazil's five major regions. It also drew an international audience of 11 participants from the Americas (Argentina, USA) and Europe (France, the Netherlands, Norway, and the United Kingdom).

Further details on attendee demographics are provided in Tables 1, 2, and 3 below.

Table 1 - Distribution of attendee by Brazilian states or other Countries

BR State/Country	Amount
Argentina	1
Ceará	2
France	1
Minas Gerais	2
Netherlands	3

<b>Norway</b>	<b>1</b>
<b>Pará</b>	<b>6</b>
<b>Pernambuco</b>	<b>2</b>
<b>Paraná</b>	<b>3</b>
<b>Rio de Janeiro</b>	<b>42</b>
<b>Rio Grande do Sul</b>	<b>6</b>
<b>Santa Catarina</b>	<b>45</b>
<b>São Paulo</b>	<b>19</b>
<b>United Kingdom</b>	<b>4</b>
<b>United States</b>	<b>1</b>
<b>Total</b>	<b>138</b>

Table 2 – Gender of the attendees

<b>Gender</b>	<b>Amount</b>
<b>Male</b>	<b>99</b>
<b>Female</b>	<b>39</b>
<b>Total</b>	<b>138</b>

Table 3 – Kind of Participant

<b>Kind of participant</b>	<b>Amount</b>
<b>Undergrad/Grad Student</b>	<b>53</b>
<b>Post Doc</b>	<b>6</b>
<b>Professor/Researcher</b>	<b>57</b>
<b>Industry</b>	<b>22</b>
<b>Total</b>	<b>138</b>

## Social Events

To complement the scientific program, several social events were organized to facilitate networking and showcase the local culture of Florianópolis.

### Pre-Conference Cultural Tour

On the day prior to the conference, participants were offered a guided tour to the São José da Ponta Grossa Fortress, located on the north end of Santa Catarina Island. This historic site, one of three fortresses built to protect the bay, offered insights into the region's past. The tour concluded with a stop in the historic district of Santo Antônio de Lisboa, known for its well-

preserved architecture from the Portuguese colonial and Brazilian Imperial eras, where attendees enjoyed an informal social gathering.



### Conference Dinner

A celebratory conference dinner was held at a local pizzeria near the event venue. The dinner provided a valuable opportunity for attendees to network, continue the day's discussions, and socialize in an informal setting. The ticket included an extensive selection of pizzas, pastas, and beverages.





### Evening meetup

On the second evening of the event, attendees were invited to a meetup at Nefasta, a renowned local craft brewery. The venue, noted for its inclusive and welcoming atmosphere, offered a relaxed environment for participants to unwind after a full day of scientific sessions.



### Sponsorship

The conference was Sponsored by [LTrace Geosciences](#) , [TESCAN](#) , [Tennessine Brasil](#) , [ESSS OIL & GAS](#) and [CAPES](#). Besides their financial support, they contributed heavily for the conference program.



The conference also had the local support of [NEFASTA Brewery](#) , [Interclass Hotel](#), FEESC and [Livros & Livros](#) .



### Scientific Committee

Eduardo Cardoso de Abreu (UNICAMP)

Grigori Chapiro (UFJF)

Marcio Arab Murad (LNCC)

Márcio da Silveira Carvalho (PUC-Rio)

Celso Peres Fernandes (UFSC)

### Organizing Committee



Celso Peres Fernandes (UFSC)

Anderson Camargo Moreira (UFSC)

Iara Frangiotti Mantovani (UFSC)

Rodrigo Nagata (UFSC)

Ingrid Bertin Carneiro (UFSC)

### **Organizing Committee supporters**

Aline Weber Garcia (UFSC)

Amanda de Souza Carvalho Feitosa (UFSC)

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Gabriela de Barros (UFSC)

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Mariah Metzner (UFSC)

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Thiago Reginaldo Côrrea (UFSC)