



The annual meeting of the Spanish InterPore Chapter was held at Technical University of Valencia (UPV) on October 16, 2021 with the participation of over 20 researchers from academia and industry.

The annual meeting had a hybrid format allowing participation in-person and online. The meeting was opened by Jaime Gómez, professor of the UPV and a Board member of the Spanish InterPore Chapter. Then, the President of the Spanish InterPore Chapter Marco Dentz (IDAEA-CSIC) gave a short introduction on the mission of InterPore and the national chapter. Finally, the Vice-President Juan J. Hidalgo (IDAEA-CSIC) gave a presentation on the organization of the Spanish Chapter and its establishment as a non-profit association. He led a round table discussion on the creation of a knowledge-sharing forum and minisymposia for exchanging ideas and expertise.

The opening session was followed by the scientific program that was organized in 3 blocks, with a total of 3 invited talks of 30 minutes each and 6 contributed presentations of 15 minutes each. The detailed program is attached below.

Program of the annual meeting of the Spanish InterPore Chapter

Welcome & Presentation: Welcome note (Jaime Gómez, UPV), InterPore and the Spanish Chapter (Marco Dentz, IDAEA-CSIC), Chapter Organization and round table discussion (Juan J. Hidalgo, IDAEA-CSIC)

Invited Speaker: Javier Samper (UCD): *Modelos de flujo y transporte reactivo para simulación de la evolución temporal geoquímica a largo plazo de un almacenamiento geológico profundo de residuos radiactivos: Formulación, resultados y análisis de sensibilidad local y global.*

Contributed presentations.

- Atefeh Vafaie (IDAEA-CSIC): *Column experiments to study the impact of acidic solutions on porous limestones in the context of CO₂ storage.*
- J. Pablo Garcia-Salaberr (UC3M): *Modeling transport in thin porous media using a hybrid pore network-continuum formulation.*

Invited Speaker: Hermenegildo García Gómez (UPV): *Porosidad en el mundo Nano. Desarrollo histórico y aplicaciones en ciencia molecular.*

Contributed presentations.

- Laura Gonzalez Blanco (UPC): *Gas migration in deep argillaceous formations in the context of nuclear waste disposal.*
- Luis Cueto (UPM): *Saturation overshoots in gravity-driven infiltration observed in pore-scale simulations*

Invited Speaker: Mohamed Khayet (UC3M): *Membrane Distillation through Porous Media*

Contributed presentations.

- Sandro Andrés (UPM) *3D model validation of multirate mass transfer*
- Victor Vilarrasa (IDAEA): *What caused the induced seismicity at Castor?*