



Join us for a special focus on Energy Transition

Confronted with one of the biggest and most difficult global challenges to mankind, efforts are intensifying to move away *from fossil-based to carbon-neutral energy sources*. This transition to *renewable energy resources and lowering of carbon dioxide emission* to the atmosphere must happen at an unprecedented pace in order to have the desired effect. In this regard, urgent research in some major areas and technologies is needed. **Many of these research questions are related to porous media.**

InterPore2023 will have a focus theme on **Energy Transition**. On Thursday, 24 May, **Onno van Kessel**, *General Manager CCS (Development & Subsurface) at Shell*, will provide a **plenary lecture**. Following the lecture, a **panel of experts** will engage in a discussion with the participants regarding the current urgent research needs in various energy transition technologies and methodologies. Confirmed panelists include: **Michelle Bentham** from the British Geological Survey, **Martin Blunt** of Imperial College, **Alan James**, Chief Technology Officer of Storegga, **Juliet Newson** of Reykjavik University, and **Lynn Orr** of Stanford University.

Anyone who is currently active in *energy transition projects* will benefit from this rich program of **oral and poster presentations**. You can share your latest research results with the porous media community by submitting an abstract to:

<https://events.interpore.org/event/41/abstracts/>

Minisymposia Topics related to Energy Transition:

- Porous media for a green world: energy & climate
- Physics of multiphase flow in diverse porous media
- Interfacial phenomena in multiphase systems
- Mixing, dispersion and reaction processes across scales in heterogeneous and fractured media
- Pore-scale modelling
- Advances in modeling and simulation of poromechanics
- Fluids in nanoporous media



For more information, please visit:

www.interpore.org/2023/energytransition