



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO  
DI INGEGNERIA CIVILE,  
CHIMICA, AMBIENTALE  
E DEI MATERIALI

Seminar

## Numerical Modeling Tools for Geothermal applications: Leapfrog and Volsung

Jonathon Clearwater (Seequent)  
Jeremy O'Brien (Seequent)

**Thursday 06 June 2024 | 13.30-15.30**

Room TA10  
Via terracini 28 – Bologna

Webinar: [TEAMS](#)

The seminar *Numerical Modeling Tools for Geothermal applications* is focused on advanced software tools for geothermal reservoir characterization. Numerical modelling software tools include conceptual model development as well as domain discretization and coupled well-reservoir numerical simulation. Presentation of Leapfrog and Volsung software.

### **Jonathon Clearwater**

Experienced geothermal reservoir engineer with specialist skills in reservoir simulation. Passionate about renewable energy and using innovative technology to enable sustainable development of geothermal energy.

### **Jeremy O'Brien**

Segment Director at Seequent, responsible for the company's commercial and market strategy for energy, covering Geothermal, Oil and Gas, CCUS and Offshore Wind.

An experienced energy professional across the geothermal and oil and gas sectors with a background in geoscience and technical sales.