

# POST DOC OPPORTUNITIES

We welcome Post Doc and Fellow researchers who are interested in working on RING's research topics. We support funding applications to *Marie Skłodowska-Curie Actions*, *Fond National Suisse*, and others.

## PHD OPPORTUNITIES

### PhD Project #1: Non-periodic homogenization of multi-scale fractured media.

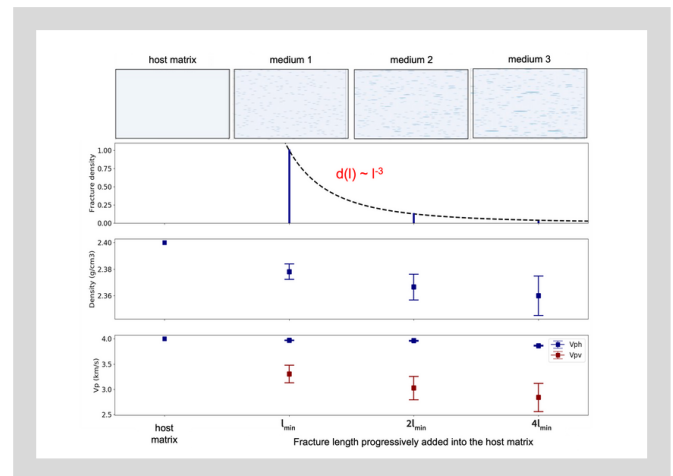
**Advisors:** Paul Cupillard (Université de Lorraine), Dragan Grgic (Université de Lorraine), Céline Mallet (Université d'Orléans).

**Starting date:** October 2023 or later

**Deadline for applications:** **June 30, 2023**

#### Details and application information

<https://www.ring-team.org/jobs/work-with-us>



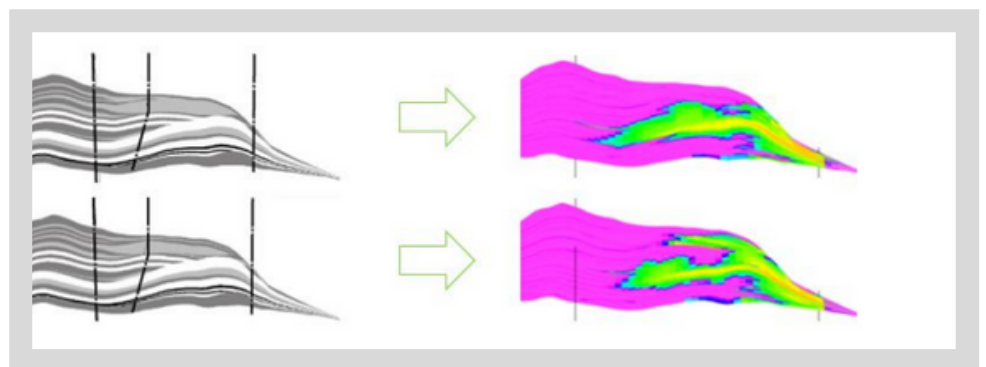
The effective density (third row) and P-wave velocities (bottom row) obtained when homogenizing the fractured media shown in the top row. These media are built by progressively adding fracture sets in a host matrix. Each fracture set is characterized by a length (from  $l_{min} = \lambda_{min}/16$  to  $4l_{min}$ ) and its associated density (second row). Modified from Ibourichène et al. (2021).

### PhD Project #2: Assisted borehole interpretation and multi-well stratigraphic correlation for geothermal modeling.

**Advisors:** Guillaume Caumon (Université de Lorraine), Cécile Robin (Université de Rennes).

**Starting date:** October 2023 or later

**Deadline for applications:** **June 30, 2023**



Two stratigraphic geometries and the associated reservoir behavior (Lallier et al., 2012)

WE SEEK CANDIDATES WITH A SOLID BACKGROUND IN APPLIED MATHEMATICS, STATISTICS AND PHYSICS, AND STRONG SCIENTIFIC WRITING SKILLS. AN EXPERIENCE IN COMPUTER PROGRAMMING IS REQUIRED. A BACKGROUND OR A PROVEN INTEREST IN GEOSCIENCE IS APPRECIATED.

## MASTER OPPORTUNITIES

We offer Master internships for students who undertake the ENSG Numerical Geology option. To apply, students must enter the ENSG's "Diplôme d'ingénieur" either in first year after an entry exam or a Bachelor, or in 2nd year after a M1.

Students with a M1 (or a M2 in Sciences of the Earth) can also apply directly for a Master 2 STPE / GEIR.

Applications via the [e-candidat.univ-lorraine](https://e-candidat.univ-lorraine.fr) platform only.

**Deadline for applications:** **June 16, 2023**