

Research Engineer - PhD in mathematics***Expertise***

Scientific computation on fractured networks and fluid dynamics

Education

PhD in mathematics, 2019, *Rennes 1 University. IRMAR-INRIA*, France

Master's degree in scientific computations and their applications, 2014, *Rennes 1 University*, France.

Professional Experience

2021 – ... *Itasca Consultants S.A.S. Lyon, France & Géosciences Rennes, Rennes 1 University: research engineer*

2018 – 2021 *Géosciences Rennes, Rennes 1 University – Research engineer*

2014-2018 *IRMAR - INRIA, Université de Rennes 1, Rennes, France: PhD student*

2014 *Royal Observatory of Belgium, Brussels, Belgium : Master 2 Internship*

2013 *IRSTEA, Rennes, France: Master 1 Internship*

Projets réalisés

- Development of the DFN.Lab platform
- Development of the numerical methods to solve PDE problem on fractured porous media
- Creation of pedagogical media and animation of training courses
- Modelling on fractured media industrial site.
- Analysis and implementation of turbulence models.