

DAVIDE ILLIANO

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Researcher in Measurement Science at Norce Technology. Currently working on uncertainty analysis for complex measurement and allocation systems. Background in Applied Mathematics, with a Ph.D. from the University of Bergen. I have multiple years' experience in Matlab coding. I have been optimizing numerical methods and building new modeling tools for fully coupled problems involving transport and multiphase flow in porous media.

EXPERIENCE

2021-08 – CURRENT

RESEARCHER, NORCE TECHNOLOGY

Researcher in Measurement Science working on industry projects concerning allocation and fiscal metering uncertainties.

EDUCATION

2021-03

PH.D., UNIVERSITY OF BERGEN

Ph.D. in Applied Mathematics. Thesis title: "Robust solvers for fully coupled transport and flow in saturated/unsaturated porous media"

2016-12

MASTER OF SCIENCE, UNIVERSITY OF BERGEN

Master's in applied mathematics. Thesis title: "Iterative schemes for solving coupled, nonlinear flow and transport in porous media"

SKILLS

- Uncertainty analysis
- Measurement science
- Allocation systems
- Modeling of porous media flow
- Numerical solvers for PDEs
- Matlab

REFERENCE

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