



Matteo Frigo

Postdoctoral Scholar, Energy Resources Engineering

Bio

BIO

Matteo Frigo has been a postdoctoral researcher in the Department of Energy Science and Engineering at Stanford University since August 2023.

He received his Bachelor's and Master's degrees in civil engineering from the University of Padua in 2014 and 2017, respectively.

In 2020, he received his Ph.D. degree from the University of Padua, with a major in Numerical Analysis.

During his Ph.D., he spent a period as a Visiting Researcher Student at Lawrence Livermore National Laboratory (LLNL), California, USA.

His leading scientific interests include mathematical and numerical modeling of multiphysics problems mainly related to poromechanics and fracture mechanics.

His research mainly focuses on studying numerical linear algebra problems and preconditioning techniques.

He has experience in implementing high-performance parallel codes on supercomputers with distributed memory and GPU accelerators.

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- Hamdi Tchelepi, Postdoctoral Faculty Sponsor