

University of Stuttgart

## Surrogate-assisted Bayesian inference with ERT data for contaminant transport modeling in the subsurface

Maria Fernanda Morales Oreamuno<sup>1</sup>, Nino Menzel<sup>2</sup>, Florian Wagner<sup>2</sup>, Sergey Oladyshkin<sup>1</sup>, Wolfgang Nowak<sup>1</sup> <sup>1</sup> Institute for Modelling Hydraulic and Environmental Systems - Department of Stochastic Simulation and Safety Research for Hydrosystems, University of Stuttgart, Stuttgart, Germany <sup>2</sup> Geophysical Imaging and Monitoring (GIM), RWTH Aachen University, North Rhine-Westphalia, Germany





 $\Lambda LS^3$ Poster ID 12561 EGU 2025

