SAMO 2025
(list of posters)

1. **Mostafa Abdelhafiz** “Checkerboard Partitioning for Third-Order Sensitivity Analysis: Application in Reactive Transport Modeling for Nuclear Waste Disposal”
2. **Lukas Arnold** “Sensitivity Analysis of Material Parameters for Fire Spread Simulations”
3. **Trevor Barnes** “High-Impact Options to Achieve Near-Term Emission Targets in the USA”
4. **Elena Bastianon** “Sensitivity Analysis of a Biogermorphological Model for Predicting Landscape Evolution”
5. **Manal Benaissa** “Sensitivity analysis for sizing an Autonomous Datacenter Powered by Renewable Energy”
6. **Denis Brizard** “Global Sensitivity Analysis in the context of crashworthiness: is Morris analysis suitable?”
7. **Alexandra Duckstein** “Sensitivity analysis for nuclear waste repository safety assessment considering heterogeneities of the host rock”
8. **Joshua Dyer** “Quantifying Sensitivity to a Model's Independent Variable Regimes with Physical Regime Sensitivity”
9. **Joel Pascal Soffo Wambo** “An adaptive method for nonlinear model order reduction using sparse polynomials”
10. **Sarah Juricic** “Bayesian approach to assessing the overal counter-performance of housing block fabric”
11. **Quentin Laporte-Chabasse** “Extensive development of a Bayesian calibration approach for building energy models using an innovative case study: a shipping container building.”
12. **Sidonie Lefebvre** “Kernel based sensitivity analysis applied to crop monitoring with hyperspectral remote sensing”
13. **Nabir Mamnun** “Global sensitivity analysis of a one-dimensional ocean biogeochemical model”
14. **Mikhail Mesh** “Sensitivity analysis — sampling the model or integrating the surrogate?”
15. **Lucas Palazzolo** “Parametric Shape Optimization of Flagellated Micro-Swimmers Using Bayesian optimization techniques”
16. **Yipeng Yao** “Uncertainty in Life Cycle Assessment: Sources, Types, Propagation, Evaluation, Mitigation and Reporting”
17. **Ouyang Zizhou** “Rethinking the Surrogate Model in Efficient Global Optimization”