RT-UQ 2025
(list of posters)

1. **Louis Allain** - "Kernel-based uncertainty quantification of machine learning models: assessment and first advances"
2. **Nils Baillie** - "Variational inference for approximate reference priors using neural networks"
3. **Clément Cardoen** - "Moment approach for model reduction of parameter-dependent conservation laws in Wasserstein spaces"
4. **Leonardo Chiani** - "gsaot: an R package for Optimal Transport-based sensitivity analysis"
5. **Mathis Deronzier** - "Block-Additive Gaussian Processes under Monotonicity Constraints"
6. **Baptiste Ferrere** - "Generalized Hoeffding Decomposition for Models with Bernoulli Inputs"
7. **Lisa Garcia** - "From the analysis of experimental shock dynamic films to Bayesian calibration of physical models"
8. **Lisanne Gossel** - "Scale-bridging in a complex model hierarchy for development of an iron-fueled energy cycle"
9. **Edgar Jaber** - "Bayesian calibration for hybrid prognostics of steam generators clogging"
10. **Guerlain Lambert** - "Surrogate-based active learning for Sobol' indices estimation with dependent inputs"
11. **Exauce Luweh Adjim Ngarti** - "Robust parameter estimation using variational inference and generative neural networks"
12. **Ioannis Mavrogiannis** - "Uncertainty Quantification and Sensitivity Analysis of Energetic Particles from a Neutral Beam Injection in a Nuclear Fusion Plasma"
13. **Charles Miranda** - "Optimal sampling Tensor-Train approximation of backward stochastic differential equations"
14. **Mahamat Hamdan Nassouradine** - "Prediction of physical fields under linear constraint"
15. **Hadi Nasser** - "Uncertainty Quantification in Thermal Resistance Estimation: An Adaptive Multi-Fidelity Bayesian Approach with Functional Outputs"
16. **Adrian Padilla Segarra** - "Reconstruction of fluid flow fields from data using Gaussian process regression with physics–informed kernels"
17. **Anthony Quintin** - "Optimal experimental designs under uncertainties in fracture toughness test campaigns"
18. **Hans Reimann** - "Contributions and Perspectives for Bayesian UQ via Tsallis Statistical Mechanics"
19. **Natalie Reeves** - "Understanding the sensitivity of TIE-GCM's forcing parameters"
20. **Nathan Ricard** - "Analysis and improvement of the convergence of physics-informed neural networks"
21. **Angélique Saillet** - "Sensitivity analysis & implementation of a multi-fidelity approach for the biogeochemical model Eco3M-MED-CN in an 1DV configuration"
22. **Marie Temple-Boyer** - "Generic framework for decision-making models in risk analysis"
23. **Antoine Van Biesbroeck** - "Properly constrained reference prior for a robust design of experiments in support of seismic fragility curves estimation"