OpenTURNS User day 2020

UserDay #13, 5 June 2020, online event

- 9h30-10h30: "Group kernels for Gaussian process metamodels with categorical input", O. Roustant (INSA Toulouse)
- 10h30-11h: "OpenTURNS release highlights", R. Lebrun (Airbus), J. Schueller (PhiMeca)
- 11h-11h30: "Probabilistic analyses of a spatial vehicle equipment bay", A. Dumas (PhiMeca)
- 11h30-12h: "Uncertainties in civil engineering: A FE-model calibration process for cultural heritage applications", VC. Kovacevic (Kobe Innovation Engineering), M. Betti (University of Florence)

Session 2: 19 june 2020

- 9h30-10h: "New features of Persalys', M. Baudin (EDF), J. Schueller (PhiMeca)
- 10h-10h30: "Gaussian process approximation of a multidisciplinary system and sensitivity analysis to model uncertainty", S. Dubreuil (ONERA)
- 10h30-11h: "Immersive and interactive scientific visualisation with Skyreal linked to OpenTURNS", H. Falgarone (Skyreal)
- 11h-11h30: "Understanding and improvement of ingot manufacturing process using a numerical sensitivity analysis", Ch. Demay (EDF)
- 11h30-12h: "Uncertainty quantification in hydraulics: overview of EDF applications", C. Goeury, F. Zaoui (EDF)