

# Program

<b>8H30-9H30</b>	Breakfast
<b>9H30-10H00</b>	Introduction, E. Décossin (EDF R&D Information Technology Manager)
<b>10H00-11H00</b>	Surrogate-based adaptive techniques for reliability analysis – Challenges, benefits and limitations, JM. Bourinet (SIGMA Clermont)
<b>11H00-12H00</b>	<ul style="list-style-type: none"><li>• New features in OpenTURNS, J. Schueller (PhiMECA), A. Dutfoy (EDF)</li><li>• New features in Persalys, J. Schueller (PhiMECA)</li><li>• oteclm: OpenTURNS module for the Extended Common Load Method, V. Rychkov, A. Dutfoy (EDF)</li></ul>
<b>12H00-13H30</b>	Lunch with Persalys demonstration (M. Baudin)
<b>13h30-15h45</b>	Studies OpenTURNS inside (1/2) <ul style="list-style-type: none"><li>• Efficient estimation of multiple expectations with the same sample by adaptive importance sampling and control variates, J. Demange-Chryst (ONERA),</li><li>• to be defined, S. Salles (CERFACS)</li><li>• How GEMSEO uses OpenTURNS for multidisciplinary problems, M. de Lozzo (IRT St Exupery)</li><li>• A digital twin of the Grand'Maison thrust bearing, N. Tardieu (EDF)</li><li>• Automotive Reliability Engineering with Open Turns : From Car Data to Validation Plano be defined, N. Bachelier (Renault)</li></ul>
<b>15h45-16h15</b>	Gourmet break with Persalys demonstration (M. Baudin)
<b>16h15-17h</b>	Studies OpenTURNS inside (2/2) <ul style="list-style-type: none"><li>• Uncertainty analysis of single- and multiple-size-class frazil ice models, F. Souillé (EDF)</li><li>• to be defined,</li></ul>