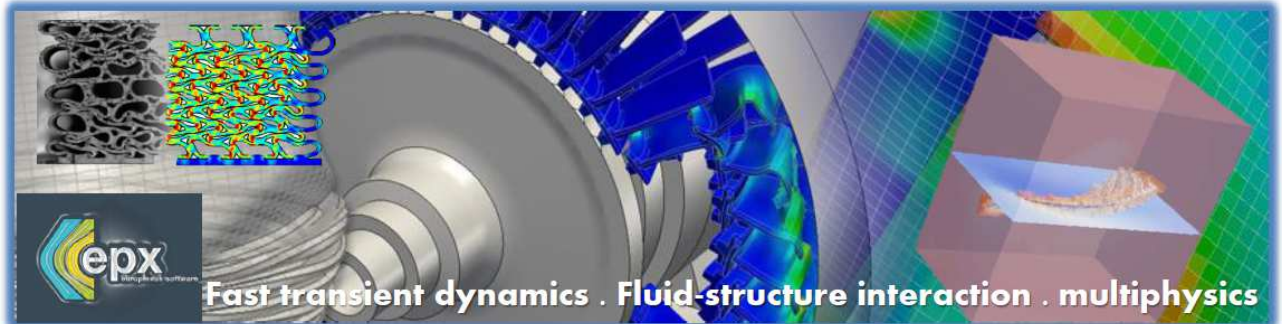


Europlexus Users Meeting

4th edition



November 4th 2019
ONERA Lille, The French Aerospace Lab, FRANCE

Europlexus Partners :



Salle Kampé de Fériet – ONERA Centre de Lille

5 rue des fortifications

CS 90013 – 59045 Lille Cedex

Accueil : 9h00

Fin Meeting : 17h00

Matin : 9h30-12h00

Claire Gauthier (CEA):

Europlexus : New features and ongoing works from CEA (30')

Bertrand Langrand (ONERA):

FE modelling of cellular materials under compressive load (30')

Adrien Guilloux (EDF) :

Validation DPDC: modeling reinforced concrete structures under impact loads –validation and new features (30')

- Pause Café

Sergey Koudriakov (CEA):

Detailed Examination of Deformations Induced by Internal Hydrogen Explosions: EPX computations (20')

Roland Ortiz (ONERA):

An overview of ONERA Activities concerning CROR and reinforcement activities (Cleansky 2 European Project) – (30')

- Repas : Buffet organisé par l'ONERA : 12h00 – 13h30

Après Midi : 13h30 – 17h00

Vincent Faucher (CEA):

Vers le calcul haute performance avec adaptation de maillage dans EPX (20')

Damijan Markovic (EDF):

Simulation numérique des phénomènes du fouettement de tuyauterie (30')

Christophe Collignon (FRAMATOME):

Storage tank buckling analysis under seismic load (30')

- Pause Café

Hassan Berro (EDF):

Pre-Processing and calculation management features (45')

Georgios Valsamos (JRC):

New EPX validation tests from JRC (30')

Julien Berthe (ONERA):

New development of Composite material law in Europlexus (30')

Liste des participants

<u>Philippe Lafon</u>	<u>EDF</u>
<u>Damijan Markovic</u>	<u>EDF</u>
<u>Christophe Collignon</u>	<u>FRAMATOME</u>
<u>Daniel Guilbaud</u>	<u>CEA</u>
<u>Etienne Maillard</u>	<u>SONACA</u>
<u>Georgios Valsamos</u>	<u>JRC</u>
<u>Michael Brun</u>	<u>INSA Lyon</u>
<u>Fabienne Bliard</u>	<u>CEA</u>
<u>Alberto Beccantini</u>	<u>CEA</u>
<u>Olivier Jamond</u>	<u>CEA</u>
<u>Nicolas Lelong</u>	<u>CEA</u>
<u>Pascal Bouda</u>	<u>CEA</u>
<u>Vincent Faucher</u>	<u>CEA</u>
<u>Louis Viot</u>	<u>CEA</u>
<u>Claire Gauthier</u>	<u>CEA</u>
<u>Hassan Berro</u>	<u>EDF</u>
<u>Leonard Antoinat</u>	<u>EDF</u>
<u>Sylvain Tholance</u>	<u>ATR-INGENIERIE</u>
<u>Florence Drui</u>	<u>CEA</u>
<u>Pascal Galon</u>	<u>CEA</u>
<u>Serguei Potapov</u>	<u>EDF</u>
<u>Sergey Kudriakov</u>	<u>CEA</u>
<u>Thomas Laporte</u>	<u>CEA</u>
<u>Etienne Cheignon</u>	<u>SimulEase</u>
<u>Pascal Hubert</u>	<u>ARIANE GROUP</u>
<u>Simon Lehmann</u>	<u>FRAMATOME</u>
<u>Clément Grenat</u>	<u>FRAMATOME</u>
<u>Mehdi Ouraou</u>	<u>FRAMATOME</u>
<u>Jérôme Soulas</u>	<u>FRAMATOME</u>
<u>Romain Ceyrolle</u>	<u>EDF</u>
<u>Nicolas Greffet</u>	<u>EDF</u>
<u>Adrien Guilloux</u>	<u>EDF</u>
<u>Sylvain Durel</u>	<u>EDF</u>
<u>Roland Ortiz</u>	<u>ONERA</u>
<u>Julien Berthe</u>	<u>ONERA</u>

<u>Bertrand Langrand</u>	<u>ONERA</u>
<u>Thomas Fourest</u>	<u>ONERA</u>
<u>Jean David Thoby</u>	<u>ONERA</u>
<u>Thomas Rapeau</u>	<u>Sixense Necs</u>
<u>Pierre Legrand</u>	<u>Sixense Necs</u>