



Welcome 8h15 – 8h45

Session 1, Chairperson A. Saulot

8h45 – 8h55	Welcome words
8h55 – 9h30	Third body concept and wear particle behavior in dry friction sliding conditions Jean Denape - ENI Tarbes, Laboratoire Génie de Production, Tarbes, France
9h30 – 9h50	Local dynamics history - Numerical tools Laurent Baillet – Institut des Sciences de la Terre
9h50 – 10h10	Contact and system dynamics, transient components of SiMj Francesco Massi, DIMA – Univ. "La Sapienza", DIMA, Rome, Italie
10h10 - 10h30	Metal processing and tribology Christophe Desrayaud, EMSE, LGF, Saint Etienne, France
10h30 – 11h00	Coffee break
11h00 – 12h00	Panel discussion on SiMj contribution for solving industrial problems – Industrial experts

12h00 – 13h30 LUNCH

Session 2, Chairperson S. Descartes

13h30 – 14h00	Examples of third body formation in metallic materials Martin Dienwiebel, KIT, Institute for Applied Materials, Karlsruhe, Germany
14h00 – 14h30	Countinuous modelling principles for complex fluids and granular flows John Tichy, Rensselaer Polytechnic Institute, Troy, NY, USA
14h30 – 15h00	<i>In situ</i> identification of falling magma rheological properties Mircea Pascovici, Université Polytechnica de Bucarest
15h00 – 15h30	Friction of fibrous materials across the scales : from fiber to surface Marie-Ange Bueno, Laboratoire de Physique et Mécanique Textiles, France
15h30 – 16h00	Coffee break



### Session 3, Chairperson B. Bou-Said

16h00 – 16h30	Fretting wear Siegfried Fouvry, ECL, LTDS, Ecully, France
16h30 – 17h00	Multiphysic interactions through the tribological triplet, Case of breaking Yannick Desplanques, ECL, LaMCub Lille, France
17h00 – 17h30	Conclusions – Perspectives Yves Berthier, INSA Lyon, Villeurbanne, France

**17h30 – Happy hour**