Day 1 - Wednesday, November 4

12:40 - 14:15
Lunch

14:15 - 17:30
Session 3 (chair: Antonio Huerta)
- Keynote: Philip Avery, Todd Chapman, Charbel Farhat
  Dimensional Reduction of Nonlinear Deformable Dynamic Contact Problems
- Keynote: Pierre Ladevèze
  Reduced Models in Nonlinear Solid Mechanics: State of the Art and Challenges
- Technical paper: Serge Prudhomme, Kenan Kergrière, Marc Laforest
  PGD formulations for interface problems
- Break

17:45 - 20:00
Visit of Louvre museum

Dîner at Saint James Albany Restaurant
(202 Rue de Rivoli, 75001 Paris, close to Louvre museum)

Day 2 - Thursday, November 5

08:30 - 10:00
Session 5 (chair: Alfio Quarteroni)
- Keynote: Francisco Chinesta
  Computational vademecums for large industrial applications
- Keynote: A. Rademacher, Stephanie Reese, Brett Bednarcyk
  Displacement-based multiscale modeling and substructuring by means of POD
- Invited technical paper: Claude Lebris
  Reduced order models (and beyond) for the optimization of microstructures in materials science
- Invited technical paper: Ramon Codina, Joan Baiges, Sergio Idelsohn
  Dynamic reduced order subscales for POD models in fluid mechanics

12:00 - 14:00
Lunch

14:15 - 16:40
Session 7 (chair: Charbel Farhat)
- Keynote: Albert Cohen
  Data assimilation in reduced modeling
- Keynote: Alfio Quarteroni, Stephanie Reese
  DGRBE (Discontinuous Galerkin Reduced Basis Element) methods for PDEs on partitioned domains
- Invited technical paper: Abdallah El Hamidi
  On the PGD for non-smooth variational problems
- Technical paper: Kevin Carlberg, Matthew Barone, Harbir Antil
  Discrete-optimal projection in nonlinear model reduction

17:00 - 21:00
Chemical Master Equation: Separated representation resolution and empirical moment-closures

21:00 - 23:00
Shape manifold approach for reduced order modeling in optimization, springback quantification and inverse analysis

Day 2 - Thursday, November 5

10:30 - 11:00
Coffee break