



future fission and fusion

## Preliminary Program

embedded within ENC 2014,  
on Wednesday May 14<sup>th</sup>  
Marseille, France

<https://www.sfen.fr/FFF-2014/Symposium-Program>

### Formal Opening

by **Christophe Béhar**, CEA, Nuclear Energy Division Director

### Morning Session on future fission

chaired by **Bernard Boullis**,  
CEA NED, Director Nuclear fuel cycle back-end programs

- 08 :30 – 09 :00 • Generation IV International Forum: main goals and recent advances, **John Kelly**, DOE & GIF Chairman
- 09 :00 – 09 :30 • Fast neutron generation IV reactors for sustainable nuclear systems, **Christophe Béhar**, CEA
- 09 :30 – 10 :00 • Fast neutron reactors development in the Russian Federation, **Vyacheslav Pershukov**, ROSATOM
- 10 :00 – 10 :30 • Fast neutron reactors development in India, **Dr. Rajamani Natarajan**, IGCAR

Coffee Break

- 11 :00 – 11 :30 • The European Sustainable Nuclear Industrial Initiative, **Peter Baeten**, SCK.CEN & ESNII Vice Chairman
- 11 :30 – 12 :00 • The ASTRID Program, **François Gauché**, CEA

### Common Transition Session Fission-Fusion

co-chaired by **Bernard Boullis**, CEA NED, Director Nuclear fuel cycle back-end programs  
and **Jérôme Pamela**, Director of Agence Iter France

- 12 :00 – 12 :30 • Growing synergies with fission reactors as fusion research moves towards a demonstration power plant, **Frank Carré**, CEA
- 12 :30 – 13 :00 • Materials for in-vessel components of a fusion reactor: synergy with fission reactors and specificities, **Jean-Louis Boutard**, CEA

Lunch

### Afternoon Session on fusion

chaired by **Jérôme Pamela**, Director of Agence Iter France

- 14 :00 – 14 :30 • Progress towards Fusion Energy at ITER, **David Campbell**, ITER Organization
- 14 :30 – 15 :00 • The ITER safety case: lessons learned for future fusion facilities, **Carlos Alejaldre**, ITER Organization
- 15 :00 – 15 :30 • The path towards a demonstration fusion reactor, **Gianfranco Federici**, EFDA-Garching
- 15 :30 – 16 :00 • Overview of research and development activities in the area of tritium breeding blankets for fusion reactors, **Yves Poitevin**, Fusion for Energy
- 16 :00 – 16 :30 • The Chinese fusion programme, **Pf Yuanxi Wan**, University of Science & Technology of China

March 31, 2014