

**Session Program**

19-22 Apr 2022

**International Conference on Fast Reactors and Related  
Fuel Cycles FR22: Sustainable Clean Energy for the Future  
(CN-291)**

***7.1 Sustainability: Economics, Environment, and Proliferation***

Vienna, Austria

## Tuesday 19 April

15:10

### 7.1 Sustainability: Economics, Environment, and Proliferation

Session | Location: Vienna, Austria

15:10–15:22

**Modeling the optimal economic structure of a global deploying nuclear power system with fast and thermal reactors in a partially closed nuclear fuel cycle**

**Speaker**

Alexander Yegorov

15:22–15:34

**KEY ASPECTS OF COMPETITIVENESS FOR INDUSTRIAL ENERGY COMPLEX WITH FR AND CLOSED NFC**

**Speaker**

Mr Dmitry Tolstoukhov

15:34–15:46

**TECHNICAL AND ECONOMICAL FEATURES OF COMMERCIAL SODIUM FAST REACTOR IN FRANCE**

**Speaker**

Mr DAVID SETTIMO

15:46–15:58

**SPECIFIC FEATURES OF THE EXPORT OF RUSSIAN TECHNOLOGIES OF FAST REACTORS AND A CLOSED NUCLEAR FUEL CYCLE**

**Speaker**

Dr Aleksandr CHEBESKOV

15:58–16:10

**Development status of commercial SMRs and its experience to China**

**Speaker**

Ping Li

16:10–16:22

**Effect of Reactor Technology on Economics of SMR Projects**

**Speaker**

Ilya Zhuravlev

16:22–16:34

**Comparative multi-criteria analysis of scenarios of the Russian nuclear energy development in the context of uncertainty knowledge about the future**

**Speaker**

Alexander Yegorov

16:34–16:46

**EFFECTIVE FUEL SUPPLY OF TWO-COMPONENT NUCLEAR ENERGY SYSTEM WITH VVER-BN REACTORS**

**Speaker**

Elena Marova

16:46–16:58

**Export Potential and Commercialization Conditions of Fast Reactors Considering Non-Proliferation Items**

**Speaker**  
Nadezhda Salnikova

16:58–17:10

**TECHNOLOGICAL SUPPORT OF THE NON-PROLIFERATION FOR SVBR-100 FUEL CYCLES**

**Speaker**  
Dr Oleg Komlev

17:10–17:22

**The INPRO project studies on the double-component nuclear power systems with the closed fuel cycle and fast reactors: past and future**

**Speaker**  
Alexander BYCHKOV

17:40