

**Session Program**

Apr 19 - 22, 2022

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

***5.3 Experimental Programs II***

Vienna, Austria

## Fri, April 22

1:30 PM

### 5.3 Experimental Programs II

Session | Location: Vienna, Austria

**13:30 – 13:42** ALFRED High priority R&D Needs

**Speaker**

Gabriele Firpo

**13:42 – 13:54** Preliminary testing of ALFRED DHR System

**Speaker**

Mr Marco Caramello

**13:54 – 14:06**

**DESIGN, MANUFACTURING AND IN-SODIUM TESTING OF AM350-WELDED DISC BELLOWS FOR FBTR CONTROL ROD DRIVE MECHANISM**

**Speaker**

Mr S C S P Kumar Krovvidi

**14:06 – 14:18** Implementation of LFR Experimental Infrastructures in Romania

**Speaker**

Daniela Gugiu

**14:18 – 14:30**

**EXPERIMENTAL TEST FACILITY TO TEST A PROTOTYPE OF THE AIR HEAT EXCHANGER GATE FOR THE ADVANCED BN REACTOR PLANT. DESIGN AND CONSTRUCTION ITEMS**

**Speaker**

Mr Maksim Grushko

**14:30 – 14:42**

**France-Japan Collaboration on Thermodynamic and Kinetic Studies of Core Material Mixture in Severe Accidents of Sodium-Cooled Fast Reactors**

**Speaker**

Dr Andrea Quaini

**14:42 – 14:54** Versatile Test Reactor (VTR) Experimental Capabilities

**Speaker**

Kevan Weaver

**14:54 – 15:06** LFR Design and Technologies Development at ENEA: Status and Perspectives

**Speaker**

Dr Mariano Tarantino

3:30 PM