

**Session Program**

19-22 Apr 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

## Friday 22 April

13:30

### 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

15:30