

## **Session Program**

**May 23 - 25, 2023**



**Tritium Laboratory Karlsruhe - 30 years -  
23rd-25th May 2023**

**Fusion R&D - Fuel Cycle/Materials**

FTU, TLK and IAP

Karlsruher Institut für Technologie Hermann-von-Helmholtz-Platz 1 76344 Eggenstein-Leopoldshafen

## Wed, May 24

3:50 PM

### Fusion R&D - Fuel Cycle/Materials: Session 1

Session | Location: B401, R410

15:50 - 16:25

#### The Breeding Blanket, the Core of a Thermonuclear Fusion Reactor. Technology, EU Concepts and Perspective

##### Speaker

Francisco A. Hernandez Gonzalez

16:25 - 16:50

#### Activities in support of ITER/DEMO

##### Speaker

George Ana

16:50 - 17:15

#### ENEA activities in tritium recovery and processing for DEMO fuel cycle and blanket

##### Speaker

Dr Alessia Santucci

5:15 PM

5:35 PM

### Fusion R&D - Fuel Cycle/Materials: Session 2

Session | Location: B401, R410

17:35 - 18:00

#### The Tritium Research in the Fusion Materials Laboratory

##### Speaker

Christoph Kirchlechner

18:00 - 18:25

#### The Research Training Group GRK 2721: Hydrogen Isotopes

##### Speaker

Prof. Knut Asmis

18:25 - 18:50

#### Sieverts' constant for H<sub>2</sub>/D<sub>2</sub>/T<sub>2</sub> in eutectic PbLi

##### Speaker

Mr Florian Priester

18:50 - 19:15

#### Discussion / Perspectives

7:15 PM