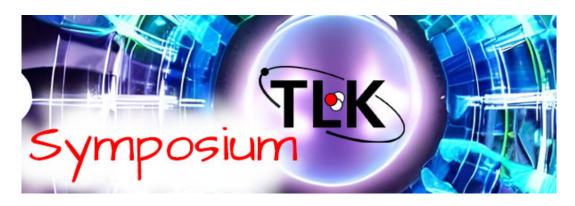
## **Session Program**

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 H2/D2/T2 in eutectic PbLi

Speaker

Mr Florian Priester

18:50 - 19:15 **Discussion / Perspectives** 

7:15 PM