



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

## Diversity week: 03.12.24 – 06.12.24

### Workshop on microaggression with Dr. Juliane Handschuh



Dr. Juliane Handschuh,  
Neuroscientist,  
Soft skill coach

03.12 | 9AM – 12AM | S1|20 – 01

*Target group: All SFB members*

Understand and identify microaggressions

03.12 | 1PM – 3PM | S1|20 – 01

*Target group: ECRs only*

Identify and handle microaggression in real-life situations

04.12 | 9AM – 12AM | S2|11 – 10

*Target group: PIs only*

Handling microaggression professionally

### Physics colloquium by Dr. Alba Formicola

06.12 | 2 PM – 3:30PM | S2|08 – 171

*Experimental challenges in Underground Nuclear Astrophysics Laboratory*



Dr. Alba Formicola,  
INFN La Sapienza,  
Spokesperson of LUNA,  
Nuclear astrophysicist

Accurate knowledge of thermonuclear reaction rates is important in understanding the generation of energy, the luminosity of neutrinos, and the synthesis of elements in stars.

The LUNA Collaboration has shown that, by going underground and by using the typical techniques of low background physics, it is possible to measure nuclear cross sections down to the energy of the nucleosynthesis inside stars.

I will give an overview of the experimental techniques adopted in underground nuclear astrophysics and will present a summary of the main recent results and achievements.