

**Programme des sessions**

15 juin 2026

**OASIS WS on Machine Learning and AI in the AGATA  
community**

***Machine learning and AI outside of AGATA***

# lun. 15 juin

10:30

## Machine learning and AI outside of AGATA

Session

**10:30 - 10:50** Machine learning to analyse data from VAMOS

**Orateur**  
Dr Antoine Lemasson

**10:50 - 11:10** PhysiCal-PET: Physics based Calibration of PET scanners

**Orateur**  
Mojahed Abushawish

**11:10 - 11:30**

**Bayesian Optimization Applied to Radioactive Beam Transport for the AGATA-EXOTIC Campaign at LNL**

**Orateur**  
Davide Genna

**11:30 - 11:50**

**Level-Scheme Construction as a Constrained Inverse Problem: Probabilistic Structure Recovery from  $\gamma$ -Ray Observables**

**Orateur**  
Mlle Samantha Buck

11:50