



## Certificate of Participation

This is to certify that

Azizi, Sajjad  
LRZ

has participated in the workshop **GENE/GENE-X user training and tutorial**, held from 12 January 2026 to 16 January 2026.

Total workshop duration: 30 hours.

Topics covered:

- Introduction to GENE and GENE-X physics models
- Installing and setting up GENE/GENE-X on CPU/GPU architectures
- Numerical methods and simulation techniques
- Hands-on simulation sessions (linear, nonlinear, flux-tube, global)
- Post-processing and data analysis routines

We acknowledge the active participation and successful completion of the workshop.

Organizer Signature

Organizer Signature

Garching, Germany — January 2026