Session Program

7–9 Jul 2025

Theory Service for the Low Energy Nuclear Physics Community: a Hands-on Workshop

Structure4Exp and Physics Behind

ECT*, Aula Renzo Leonardi
Strada delle Tabarelle 286, I-38123 Villazzano (Trento)

Wednesday 9 July

09:00

Structure4Exp and Physics Behind
Session | **Location:** ECT*, Aula Renzo Leonardi, Strada delle Tabarelle 286, I-38123 Villazzano (Trento) | **Convener:** Manuela Rodríguez-Gallardo

09:00–10:00 **Nuclear Density Functional Theory for ground-state and collective excitations**

Speakers
Enrico Vigezzi, Gianluca Colo

10:00–10:30 **Coffee Break**

10:30–11:30 **The realistic shell model and the KSHELL implementation**

Speaker
Angela Gargano

11:30–12:30 **Do you know how to use the Structure4Exp platform?**

Speaker
Imane Moumene

12:30

14:00

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14:00–16:00 **Hands-on practice on the Structure4Exp platform**

16:00–16:30 **Coffee Break**

16:30–18:00

Hands-on practice on the Structure4Exp platform. Final discussion, feedback on the platform

18:00