

ITC Inclusiveness Webinar

📅 November 14, 2025 | 11:00 - 13:00 CET 🕒

📅 Program Schedule

11:00 - 11:05 Opening Remarks

Prof. María Pilar de Lara-Castells
COSY Action Chair

11:05 - 11:40 Challenges of Integrating Early-Career Researchers- Examples from Bosnia and Herzegovina

Prof. Ljiljana Suručić

11:40 - 12:15 COSY Opportunities for Early-Career Researchers

Dr. Marina Šekutor
Grant Awarding Coordinator

12:15 - 13:00 Open Discussion

Dr. Kaido Sillar
Conference Coordinator

Link

🔗 <https://ut-ee.zoom.us/j/91758271634?pwd=43Om2yLlIwYT7X7fArluUm8gAQa37xh.1>

👤 Organizers

Ljiljana Suručić -WG2

Bosnia and Herzegovina

Marina Šekutor -WG4

Croatia

Kaido Sillar -WG2

Estonia

📺 Zoom Meeting

Meeting ID

917 5827 1634

Passcode

997168

COSY[★]

COST ACTION

**CA21101 - CONFINED
MOLECULAR
SYSTEMS: FROM A
NEW GENERATION OF
MATERIALS TO THE
STARS (COSY)**

COSY-WG5



COSY-WG1



COSY-WG2



COSY-WG4



COSY-WG3





COSY in Numbers 2025

✓ **INCLUSIVENESS AND COOPERATIVENESS**

- ✓
 - ✓ **472** participants from **45** Countries:
 - ✓ **44% ITCs, 45% Young Researchers, 40% Female Researchers;**
 - ✓ proposal: 27% - 6% - 34%.
- Over 50%/30% of** leadership positions having been taken by female/young researchers.

✓ **EXCELLENCE**

- ✓ **Over 200 peer-reviewed scientific articles, one running special collection:**
- ✓

WG1) Fundamental studies of molecular interactions: new methods and benchmarks on confined systems.

WG2) Molecular motion in porous, biomolecular & EM-confined systems via advanced simulation methods.

WG3) Advanced theory & experiments on confined metal/oxide clusters for catalytic and nanotechnology applications.

WG4) Time-resolved and reactive dynamics, spectroscopy, and simulations of molecules in He nanodroplets.

WG5) Computational, theoretical, and experimental investigation about the formation of molecules and matter in the interstellar medium and in planetary and solar atmospheres.

FUNDAMENTAL UNDERSTANDING

DOWN TO THE SUBNANOMETER SCALE

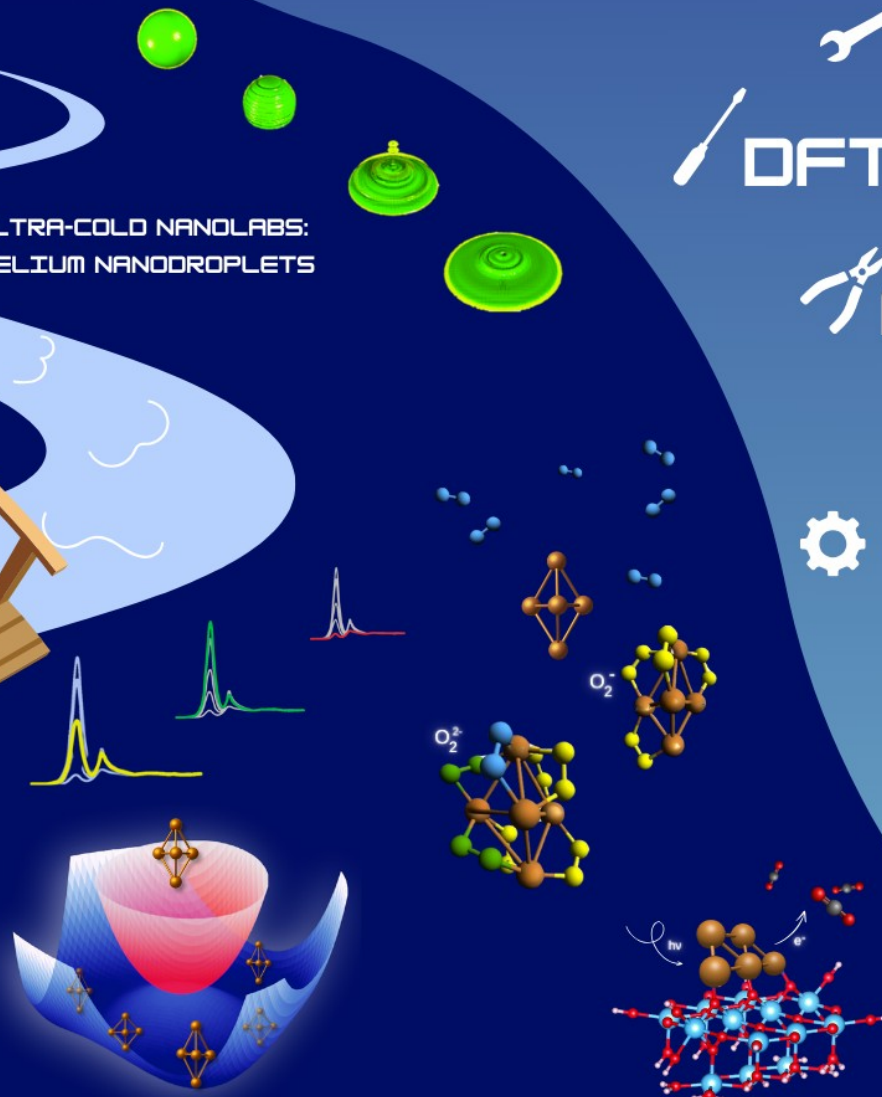
REAL-WORLD NANOTECHNOLOGY



EXPERIMENTS & SIMULATIONS
IN OPERANDO CONDITIONS

FUNDAMENTAL STUDIES

ULTRA-COLD NANOLABS:
HELIUM NANODROPLETS



 **AB INITIO**

 **DFT**

 **AIMD**

 **MD**

 **ML**

 **DEVELOPMENT**

 **STATE-OF-THE-ART**



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