

PHYSICS WITHOUT FRONTIERS SRI LANKA

Summer School on Theoretical and Computational Biophysics

21-25 September 2026, **University of Colombo**

TOPICS

- Foundations of molecular simulations
- Statistical mechanics
- Biomolecular modelling with GROMACS
- Free-energy methods
- Ab initio molecular dynamics with CP2K
- Machine learning for molecular simulations

SPEAKERS

- **Marta Monti**
University of Amsterdam, Netherlands
- **Vittorio Del Totto**
University of Valencia, Spain
- **W. A. Monika Madhavi**
University of Colombo, Sri Lanka

COORDINATOR

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