# PROGRAMME
## (local times)

| Day: April 16. 2025 | | |
|---|---|---|
| **Angel Canal Alonso**, Department of Computer Science and Automatics,  University of Salamanca, Salamanca, Spain | Reservoir Computing for epilepsy neuromodulation | 10:30-11:20 |
| **Alice Peng**, Faculty of Science and Technology, University of Lancaster, UK | Do cancer cells collaborate during metastasis: A mathematical investigation using a model of traction forces and cell shape evolution | 11:20-12:10 |
| **Giulia Lombardi**, Department of Mathematics, University of Trento, Italy | A Generalized Budan-Fourier Framework for Beta Mixture Models | 12:10-13:00 |

| Day: April 30, 2025 | | |
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| **Evert Bosdriesz**, Computer Science Department, Center for Integrative Bioinformatics (IBIVU), Vrije Universiteit Amsterdam, The Netherlands, and Division of Molecular Carcinogenesis, The Oncode Institute, The Netherlands Cancer Institute, Amsterdam, The Netherlands | Single-Cell Comparative Network Reconstruction Reveals Cell-State Dependent Signaling | 10:30-11:20 |
| **Halima H. Mouhib**, Computer Science Department, Center for Integrative Bioinformatics (IBIVU), Vrije Universiteit Amsterdam, Amsterdam, The Netherlands | Towards Artificial Olfaction | 11:20 - 12:10 |
| **LUNCH BREAK** | | |
| **Marianna Milano**, Department of Experimental and Clinical Medicine, University "Magna Grecia" of Catanzaro, Italy | Network Analysis in Biology and Medicine | 14:00-14:50 |
| **Erica Tavazzi**, Department of Information Engineering, University of Padova, Italy | A Dynamic Bayesian Network Approach to Model Cardio-Metabolic Diseases and Stratify Risk in Ageing Populations | 14:50-15:40 |