14.00 | Opening remarks

Chair: **Achille Giacometti**
Ca’ Foscari University of Venice

14.15-14.45
**Nicola Prezza**
Ca’ Foscari University of Venice

Algorithms and Data Structures for Computational Pan-Genomic

14.45-15.15
**Barbara Ruzicka**
CNR-ISC Roma

Dynamical Behaviour and Formation of Arrested States In Colloidal Systems

15.15-15.45
**Georgios Tsekenis**
CNR-ISC Roma, Ca’ Foscari University of Venice

Chemical Networks

15.45-16.15 | Coffee break

Chair: **Stefano Bonetti**
Ca’ Foscari University of Venice

16.15-16.45
**Marco Nobile**
Ca’ Foscari University of Venice

Simplifying Kinetic Parameters Estimation by Reshaping the Fitness Landscape

16.45-17.00
**Giulia Fischetti**
Ca’ Foscari University of Venice, ZHAW Zurich

Machine Learning Techniques for NMR Data Analysis

17.00-17.30
**Cedrix Dongmo**
Ca’ Foscari University of Venice

Solvent Effects on Synthetic and Biopolymers

17.30-18.00
**Carlo Alberto Brondin**
Ca’ Foscari University of Venice

Magnetism and Graphene: a Tale seen with Visible and X-ray Light
Group Meeting
Statistical Mechanics@CF & Friends
9 - 10 Dicembre 2021

10 Dicembre 2021
Ca’ Bottacin, 3911
Calle Crosera, Venezia
ECLT, Aula B

Chair: Guido Caldarelli
Ca’ Foscari University of Venice

9.00-9.30
Giulio Cimini
Roma 2 Tor Vergata
Statistical Physics of Networks

9.30-10.00
Tommaso Gili
IMT Lucca
Brain Physics from FMNR

10.00-10.15
Giulia Moro
Ca’ Foscari University of Venice
How Perfluoroalkyl Substances Modify Fluorinated Self-Assembled Monolayer Architectures: an Electrochemical and Computational Study

10.15-10.45
Marco Spinaci and Somialo Azote
Ca’ Foscari University of Venice
A New Coarse Grained Approach to Protein-DNA Interaction

10.45-11.15
Lorenzo Fanton, Alberto Pesce, Davide Pizzolato, Jacopo Moi, Francesco Vinci, Marta Simeoni, Alvise Spanò
Ca’ Foscari University of Venice
RIN-Maker Group
Computational Tools for Proteins

11.15-11.45 | Coffee Break

Chair: Flavio Romano
Ca’ Foscari University of Venice

11.45-12.15
Pablo Villegas
IMT Lucca
Percolation in Ecological Systems

12.15-12.30
Laura Dal Compare
Ca’ Foscari University of Venice
Perspectives on Liquid Crystal Phases in Rod-Like Particles

12.30-13.00
Mirco Tribastone
IMT Lucca
Coarse Graining Large Scale Reaction Networks

13.00 | Closing remarks