



# Spring Workshop on Physics of Data

## Thursday, April 7, 2022

### Complex/Biological Systems (9:00 AM - 12:45 PM)

-Conveners: Marco Baiesi

time	[id] title	presenter
9:00 AM	[15] Unraveling the mechanism of ice nucleation through rare events sampling and free energy calculations	LUPI, Laura
9:45 AM	[10] What is typical in microbial communities?	JACOPO, Grill
10:30 AM	Break	
11:00 AM	[11] Knot classification in polymers through deep learning	BRAGHETTO, Anna
11:15 AM	[12] Computational modeling of information encoding in the primary visual cortex	BARONI, Luca
11:30 AM	[13] How contact pattern influence epidemic outbreaks	ZIERENBERG, Johannes