

Workshop on Complex Networks

School of Physics, IPM

19 February 2020 (30 Bahman 1398)

Time	Speakers	Title of Talks
9:00-9:30		Registration
9:30-9:45		Opening
9:45-10:30	Nahid Azimi, IASBS	Introduction to Complex Networks
10:30-11:15	Gholam Reza Jafari, SBU	Higher-order interaction: Balance Theory with some applications
11:15-11:45		Break
11:45-12:30	Farshad Safaei, SBU	Graph Metrics for Complex and Social Networks Robustness
12:30-14:00		Break
14:00-14:45	Nahid Azimi, IASBS	Bistability and hysteresis in epidemic models
14:45-15:30	Mohammad Sabokrou, IPM	Representation Learning on Networks
15:30-16:00		Break
16:00-17:15	Ali Ghazizadeh*, IPM	Monthly colloquium at School of Nano Science (IPM)
17:15-17:30		Break
17:30-18:15	Alireza Vafaei Sadr, IPM	Complex network analysis in python
18:15-19:00	Fakhteh Ghanbarnejad, SUT	Interactions of competitive and cooperative pathogens in a small ecological system

* [Jointly with monthly colloquium at School of Nano Science \(IPM\)](#)