

elective courses on **NETWORKS** in 2019/20

Networks or graphs are ubiquitous in everyday life. Examples include online social networks, the Web, references between WikiLeaks cables, Supervizor, terrorist affiliations, LPP bus map, plumbing systems and your brain. Many such real networks reveal characteristic patterns of connectedness that are far from regular or random. Networks have thus been a prominent tool for investigating real-world systems since the 18th century. However, while small networks can be drawn by hand and analyzed by a naked eye, real networks require specialized computer algorithms, techniques and models. This led to the emergence of a new scientific field about 20 years ago...

INA

[Introduction to] Network Analysis

MLG

Machine Learning with Graphs

ANTS

Advanced Topics in Network Science

Network analysis concepts and techniques

Course code **63545B** | eUcilnica #183

MSc students | Lecturer Lovro Šubelj

Summer semester | Starts **Feb 17, 2020**

Introductory 15 week course to get started

Modern analysis of large-scale real networks

Course code **63225B** | eUcilnica #66

MSc students | Lecturer Jure Leskovec

Winter semester | Starts **Sep 24, 2019**

Fast pace 10 week course by a leading expert

Thorough review of modern network science

Course code **63835A** | eUcilnica #170

PhD students | Lecturers Šubelj & Leskovec

Summer semester | Starts **Mar 2, 2020**

Research-oriented 12 week course & invited talks

Course enrollment is **not** possible in order **from right to left** | lovro.subelj@fri.uni-lj.si

