2019 INGRoup Pre-Conference Workshops
9am to 5pm, Thursday July 18, 2019
To be held on the campus of Instituto Universitário de Lisboa (ISCTE-IUL)
Single Workshop Cost (USD): $45 (members), $100 (non-members)
Full-Day (Morning + Afternoon Workshop) Cost (USD): $75 (members), $200 (non-members)
Pre-conference workshop registration deadline is June 30

Teaching Teamwork Workshop
9:00am-11:30am
Jeanne Brett, Leslie DeChurch, Noshir Contractor, Laurie Weingart, Verlin Hinsz

The Teaching Teamwork Workshop will provide an informative and engaging session on the latest approaches to teaching teamwork. This 2.5-hour workshop will preview new technologies that can be used to facilitate teamwork skills in a variety of classroom settings. These include online tools to provide Peer Feedback to teammates (20 minutes, Jeanne Brett) and a Team Assembly tool to form teams (20 minutes, Noshir Contractor). We then present interactive activities that can be used in classroom settings to develop team leadership skills. These include Healing useful for a lesson on managing diversity (10 minutes; Leslie DeChurch), Towers Market useful for teaching students to effectively manage conflict in teams (10 minutes, Laurie Weingart), and SOLV/E useful for learning team skills of planning, organizing, communicating and collaborating (10 minutes, Jeanne Brett). We then offer an overview of the process of developing teamwork teaching materials for wider distribution through NTR (20 minutes, Jeanne Brett), and on applying for a grant to support research or teaching initiatives through NTR (20 minutes, Verlin Hinsz). The final 30 minutes will culminate in a facilitated discussion (Leslie DeChurch) among the participants and presenters on challenges and opportunities for teaching teamwork in a range of settings from undergraduate and graduate classes to professional audiences.

Agent-Based Modeling Workshop
9:00am-12:00pm
Corinne Coen

Agent-Based modeling works as a powerful tool to address challenges in small groups research, including coping with interdependence, mutual causality, and the effects of dynamics. It provides the best formal technology for exploring the emergence of patterns, structures, and dynamic states from interactions of interdependent agents over time. The Agent-Based Modeling Workshop will introduce this new tool, its purpose, and uses. Iconic models will be reviewed to
show distinct problem contexts and illustrate a few non-linear processes. Finally, participants will be encouraged with step-by-step instructions to build a simple model using Netlogo, a software that even those with little programming experience find accessible. The coding practice exercise will be aimed at novices—no computer programming experience is necessary. Pre-readings will be provided, but are optional. Participants will need to bring a laptop to participate in coding. Questions about ideas for agent-based models will be entertained. We will discuss how to turn modeling results into publishable works.

Social Network Analysis Workshop
1:00pm-5:00pm
Filip Agneessens, Julija Mell

The Social Network Analysis Workshop will provide an overview of concepts and statistical methods for studying relations between members of a group. These relations can focus on interactions with colleagues (e.g. communication, collaboration, gossip, or bullying) and/or on perceptions about colleagues (e.g. friendship, trust/distrust or like/dislike).

This 4-hour workshop will review existing research questions as well as potentially interesting future directions for research at three levels: the dyadic, individual and group level. We start with a discussion of basic social network concepts that allow us to describe the network structure of the group and individual members’ position within the group. We then go on to discuss how to analyse the networks within multiple groups in order to answer research questions at the group level. For example, how does the network structure of a group (its density, centralization or subgroup formation) impact outcomes such as group performance? We demonstrate how to perform these analyses in RStudio.

Finally, we touch upon statistical models to study the existence of a tie between two members, such as Exponential Random Graph Models (ERGM) and longitudinal Stochastic Actor Oriented Models (RSiena models), to help us understand the emergence of network relations between group members.

For this workshop please ensure that you have RStudio installed and functioning on your computer.

Schedule
80 Min. Basics and individual level analysis
10 Min. Break
80 Min. Group level analysis
10 Min. Break
30 Min. Dyadic level analysis
30 Min. Discuss your own research question