



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI PSICOLOGIA
"RENZO CANESTRARI"

PhD Program in Psychology

Seminar "Social Networks Analysis: Strength and critical aspects for application in psychological fields"

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19/02/2025, 09:00-13:00

Laboratorio Informatica 1 - Piazza Aldo Moro, Cesena

Abstract

The seminar will present strengths and critical aspects of Social Network Analysis to analyze relational data, with a focus on many socio-psychological contexts such as school contexts, working/organizational contexts and other contexts in which relations/interactions are relevant. Individual dimensions and group/community dimensions will be presented by considering neighborhood analysis, connectivity analysis, centrality/centralization analysis and cliques analysis. In addition to considering groups' and individuals' SNA indices, participants will operate mixed method analysis in which SNA indices become part of classical data ascribed to individuals and can be related to other types of collected dimensions.

Reading (suggested):

Gaggioli, A., Mazzoni, E., Milani, L., & Riva, G. (2015). [The creative link: Investigating the relationship between social network indices, creative performance and flow in blended teams](#). *Computers in Human Behavior*, 42, 157-166.

Hannem, R.A, and Riddle, M. (2005). *Introduction to social network methods*. Online: <https://faculty.ucr.edu/~hanneman/nettext/>

Mazzoni, E. (2014). [The Cliques Participation Index \(CPI\) as an Indicator of Creativity in Online Collaborative Groups](#). *Journal of Cognitive Education & Psychology*, 13(1).