

UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

**PHD PROGRAM IN
INFORMATION TECHNOLOGY AND ELECTRICAL ENGINEERING**

PHD PROGRAM IN INFORMATION AND TECHNOLOGY FOR HEALTH

Seminar announcement

Friday 7 June 2024, Time: 15:00 - 17:00

Room Sala Riunioni, Floor 1, Building 3, DIETI - Via Claudio, 21 - NAPOLI



Prof. Tanmoy Chakraborty

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Social Network Analysis: Methods and Applications

Abstract: Social media has become the fulcrum of all forms of communication. Social media platforms such as Twitter, TalkLife, and Reddit are extremely popular to express someone's feelings and views. Mining content shared on social media are indispensable for multiple tasks – online offence detection, sarcasm identification, sentiment analysis, fake news detection, etc. Despite the proliferation of research in social computing, there is a gap in capturing the heterogeneous signals beyond the standalone source

text processing. Classifying social content such as fake news, rumour, sarcasm, etc. has gained significant attention although the surface-level signals expressed by a social-content itself may not be adequate for such tasks; therefore, recent methods attempted to incorporate other intrinsic signals. Hence, novel methodologies and frameworks for social network analysis will be discussed, focusing on their possible applications for addressing different tasks.

Seminar will be further delivered online (Team Code [e9cv31t](#))

Lecturer short bio: *He completed his Ph.D as a Google India Ph.D. fellow in the Dept. of CSE, IIT Kharagpur, India in Sept, 2015. Afterwards, he spent around 1,5 years at University of Maryland as a postdoctoral researcher. His Ph.D. thesis has been recognized as the best Ph.D. thesis by Xerox Research India and IBM Research India. He has also received INAE doctoral level innovation student project award. He has been awarded prestigious Ramanujan Faculty Fellowship and DAAD Faculty Award. His primary research interests include Network Science, Data Mining, Natural Language Processing and Data-driven cybersecurity.*

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