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T-Tripods: Supporting the Foundation of a Data Intensive Studies Center

Wednesday 26 October 2022 16:30 (1 hour)

The Tufts University T-Tripods Phase I Tripods institute supports interdisciplinary research and learning in the foundations of data science, fostering collaboration among researchers in computer science, mathematics and electrical and computer engineering departments at Tufts, as well as connecting to scientists and scholars in a wide range of application domains.

The three focus areas for the institute are R1) Graphs and Tensor representations of data; R2) learning from data with spatio- and temporal aspects, and R3) Data Guarantees: quality, transparency, privacy, fairness, FAIRness, and trust. In research, we spotlight some progress in area R1 on inference for biological networks. In education, we describe our project for designing a collection of case studies for teaching ethics of data science to undergraduate students and invite collaborators. In the area of broadening participation, we warmly invite undergraduates from all group, including those traditionally under-represented in STEM fields, to apply to our summer DIAMONDS REU experience.

Research

Education and Outreach

Data & Cyberinfrastructure

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