

Institute for Data, Intelligent Systems, and Computation (I-DISC)

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Overview:

The Institute for Data, Intelligent Systems, and Computation (I-DISC) aims to foster research at Lehigh related to data, intelligent systems, and computation. I-DISC is a hub to catalyze, support, and promote interdisciplinary and collaborative research. It brings together scholars from across Lehigh University with an interest in computationally-focused research. Interdisciplinary research teams build on expertise in fundamental computational approaches, such as machine learning, optimization, data science, and system architecture, and explore applied areas such as robotics, computer vision, human-computer interface, finance, privacy and security, cyber-physical systems, energy, and materials science. I-DISC's primary objective is to advance Lehigh as a beacon of interdisciplinary scholarly excellence and make a greater impact in the related fields. The institute also creates a fertile space for collaboration with industrial, academic, and governmental partners to attack some of the most pressing problems in technology and society.