UNCG COMPUTER SCIENCE COLLOQUIUM SERIES

Recent Trends in Minimum Cut Algorithms

Speaker: Dr. Debmalya Panigrahi
Tuesday, February 15, 2:15-3:15

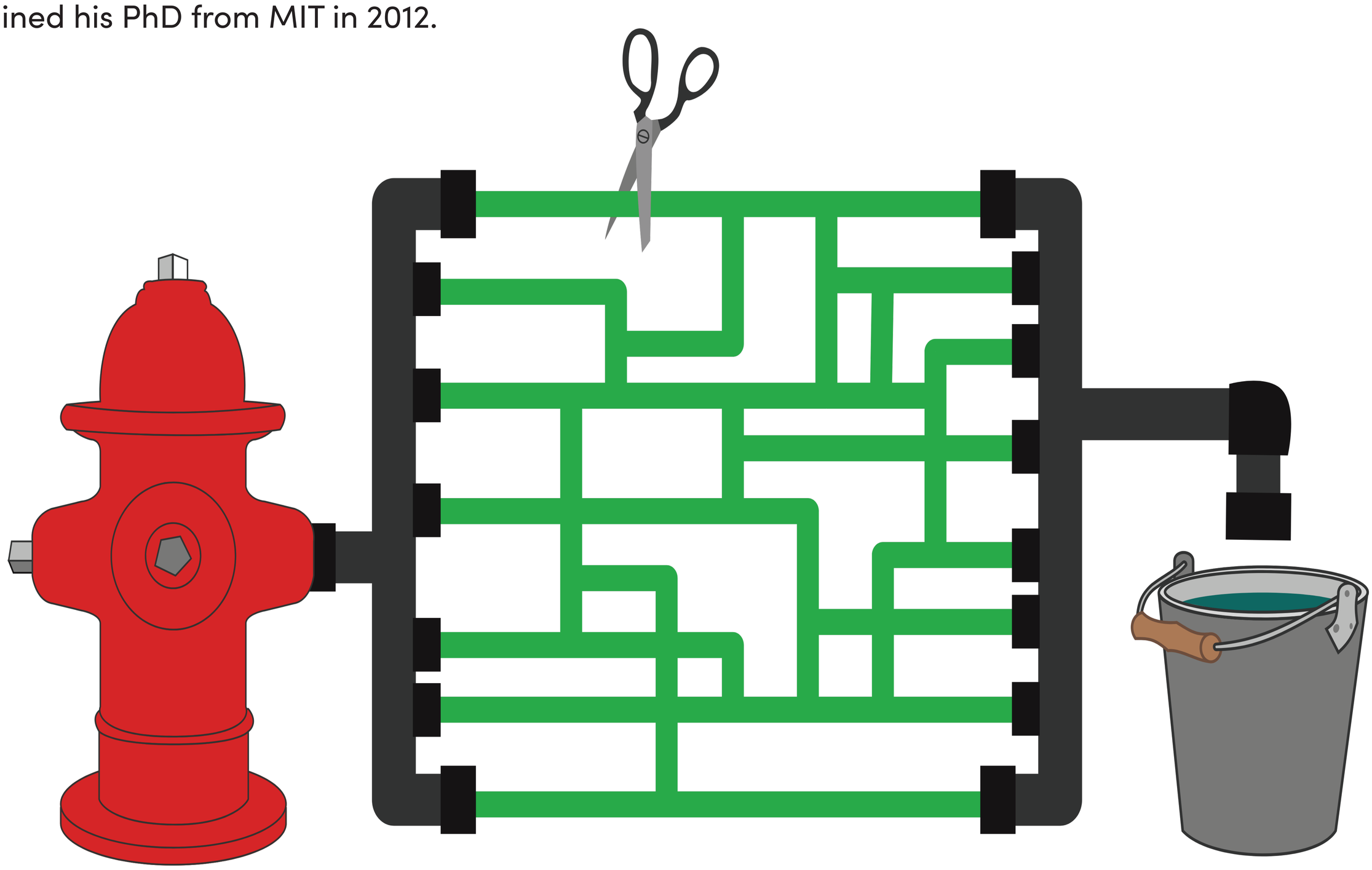
ZOOM link:
https://go.uncg.edu/cs-colloq

Abstract

Minimum cut problems are among the most basic questions in algorithm design. In the last few years, there has been a resurgence in new results in this domain, resulting in the first improvements in many decades for many of these problems. In this talk, I will survey some of these results, focusing on the broad themes and techniques that have driven this progress.

Bio

Debmalya Panigrahi is an Associate Professor of Computer Science at Duke University. His research interests are in theoretical computer science with a focus on graph algorithms and algorithms under uncertainty. His research has been recognized by an NSF CAREER Award, faculty research awards from Google and Yahoo, a best paper award at SPAA, and a best paper honorable mention at WWW. He obtained his PhD from MIT in 2012.



In case of questions, please contact Dr. Chunjiang Zhu at E-mail: chunjiang.zhu@uncg.edu or visit the CS departmental colloquium web at https://compsci.uncg.edu/research/colloquium-series/

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