CSDS 500 Spring 2023 Colloquium

11:30 AM to 12:30 PM
Thursday, February 2, 2023
White 411
Meeting ID: 960 3821 4850 Passcode: 836092

"Effective Geolocation of Internet Hosts"

Abstract: Geolocation of Internet hosts refers to a service that maps IP addresses to their geographical location (e.g., geographic coordinates). Accurate IP geolocation is a fundamental problem in networking that affects numerous aspects of Internet operation and development. Unfortunately, multiple studies have shown that existing geolocation services are prone to errors and inaccuracies, especially when it comes to geolocating hosts that are part of distributed provider platforms (such as Akamai or Salesforce). This talk summarizes the state of the art in IP geolocation, highlights some challenges that stand in a way of effective geolocation and sketches ideas that may help to overcome these challenges. Graduate students and upper-class undergraduates who are considering graduate studies are especially encouraged to attend as I am looking for NSF-funded research assistants to conduct this research.

Michael Rabinovich
Emeritus Professor
Case Western Reserve University

Bio: Michael Rabinovich joined the Computer Science faculty at Case Western Reserve University in 2005 after spending 11 years at AT&T, where he helped develop AT&T's Internet infrastructure and offerings. His interests revolve around the Internet, especially concerning issues related to performance, measurement, and security. After retiring from teaching, he continues to conduct research in his lab and engage in active professional service. He is a Senior Associate Editor of the ACM Transactions on the Web and regularly serves on program committees of leading conferences in his field. Dr. Rabinovich holds a PhD in Computer Science from the University of Washington.

This is to certify that _____attended this seminar. Certified by _____.
Certificates of attendance and other evidence of CPD activity should be retained by the attendee for auditing purposes.