



**William Paterson University
College of Science and Health
Department of Computer Science**

UPS Computer Information Technology Lecture Series*

Keynote Speaker: Dr. Ping Ji

Professor of Mathematics & Computer Science (John Jay College of Criminal Justice)
Executive Officer of Computer Science & Data Science (Graduate Center, CUNY)



April 12, 2023 (Wednesday), 5:30 PM – 8:00 PM

**University Commons (Ballroom C)
(Dinner will be provided.)**

Please RSVP [here](#) by April 6, 2023

Digging Down Under the Surface of the Internet

Abstract

In the digital era, we are all used to access the “Internet” easily through many types of devices at almost any time. The world of “Apps” has grown from only supporting web browsers and emails to the current gigantic platform supporting over 8.3 million apps globally. However, what are at the core of the Internet? If we dig deeper under the surface of the Internet, would it help us to understand better of the security, privacy and ethics issues of the digital world? In this talk, we’ll explore the fundamentals and challenges of the Internet architecture and its design, and discuss ways of observing the activities of the Internet from under its surface.



Biography

Dr. Ping Ji received her B.Sc. degree in Computer Science and Technology from Tsinghua University (Beijing, China), and her Ph.D. in Computer Science from the University of Massachusetts at Amherst. Since graduated from UMass Amherst in year 2003, Dr. Ji has been working in the City University of New York, and received her Tenure and Full Professor title in Mathematics and Computer Science of John Jay College of Criminal Justice within 7 years after joined CUNY. Currently, at the City University of New York, Dr. Ji also serves as the Executive Officer of the Computer Science PhD Program and the Director of the Data Science Master's Program at CUNY's Graduate Center. Throughout her 20 years career at CUNY, Dr. Ji has pioneered many initiatives on both academic and administration sides. Dr. Ji is a founding faculty and a key contributor of John Jay College's Digital Forensics Master's program, and the founding director of CUNY Graduate Center's Master's program in Data Science.

Dr. Ji's research interests include Network Measurements and Data Analysis, Security Monitoring Strategies for Computer & Wireless Networks, Network Security, Mobile Networks, and Internet of Things (IoT). Her work has been published in well recognized professional journals and conference proceedings including IEEE/ACM Transaction on Networking (ToN), ACM SigComm, ACM SigKDD, Performance Evaluation, etc. Dr. Ji is the recipient of a number of research fundings and awards from the National Science Foundation and other government agencies. She created the First Annual ACM Northeast Digital Forensics Exchange, and has been a program committee member for numerous computer networking conferences, and a guest editor for a number of professional journals. Dr. Ji's current research are funded by Google and NSF.

Agenda

5:30 – 6:00	Guests arrival, and dinner starts
6:00 – 6:05	Welcome message: Dr. Joshua B. Powers , Provost & Senior Vice President for Academic Affairs, WPU
6:05 – 6:25	Opening remark: Dr. Venkat Sharma , Dean of College of Science and Health, WPU
6:25 – 6:30	Keynote Speaker introduction: Dr. Cyril S. Ku , Professor of Computer Science, WPU
6:30 – 7:15	Keynote speech: Dr. Ping Ji , Professor of John Jay College of Criminal Justice & Executive Officer of CUNY Graduate Center
7:15 – 7:45	Q & A with Dr. Ping Ji
7:45 – 8:00	Closing remark: Dr. Cyril S. Ku

*** The UPS Computer Information Technology Lecture Series is made possible by a generous grant from the UPS Foundation of UPS.**

All are welcome! This lecture series is open to everyone in the William Paterson University community. For further information, please contact Dr. Cyril S. Ku (kuc@wpunj.edu, 973.720.2952) or Dr. Bogong Su (sub@wpunj.edu, 973.720.2979), Department of Computer Science, William Paterson University, Wayne, NJ.
