

William Paterson University
Department of Computer Science

COMPUTER SCIENCE COLLOQUIUM



October 27, 2014 (Monday), 7:00 PM – 8:15 PM

Science Hall East 5036

Speaker: Dr. Cyril S. Ku (William Paterson University)

Topic: The Multi-Dimensional Unified Process

Abstract:

The Unified Process is one of the software development models that captures the iterative and incremental nature of software development life cycle. In this research, I will explore the extension of the Unified Process from the traditional 2-dimensional model to a multi-dimensional model that specifies the additional dimensions of collaboration, knowledge management, and various aspects of project management. The visualization issues of a multi-dimensional model will be briefly discussed.

Biography:

Dr. Cyril S. Ku is a Professor and former Department Chair in the Department of Computer Science at William Paterson University, Wayne, New Jersey, USA. Before William Paterson, he conducted research in software engineering and databases as Member of Technical Staff at Bell Communications Research (Bellcore, now Ericsson), as Senior Technical Staff Member at AT&T, and as Senior Information Technology Specialist at IBM. His current research involves software engineering, databases, data warehouses/data mining, automated reasoning and artificial intelligence. He holds a B.S. degree in Computer Science from Utah State University, Logan, Utah; an M.S. degree in Computer Science and Applications from Virginia Polytechnic Institute and State University, Blacksburg, Virginia; and a Ph.D. degree in Computer Science from Northwestern University, Evanston, Illinois.

All are welcome. For further information, please contact Dr. Cyril S. Ku (ext. 2952), kuc@wpunj.edu, or Dr. John P. Najarian (ext. 2960), najarianj@wpunj.edu.