The Department of Mathematics and Computer Science presents

HAL BERGHEL

“Cyber Warfare: Stuxnet and Beyond”

Wednesday, April 25, 2012
7:00 p.m.
Social Sciences Building 118

A reception will follow the lecture. Admission is free, but reservations are requested. Please call 314-516-6355 or email traoregressr@umsl.edu.

Parking available in West Drive Parking South and Lot N.

Hal Berghel is currently Professor of Computer Science at the University of Nevada, Las Vegas where he has previously served as Director of the School of Computer Science and Associate Dean of the College of Engineering. He is also the founding Director of the Identity Theft and Financial Fraud Research and Operations Center. His research interests are wide-ranging within the binary and digital ecosystem, ranging from logic programming and expert systems, relational database design, algorithms for non-revision-based redeeming, approximate string matching, digital watermarking and steganography, and digital security (including both computer and network forensics). Since the mid-1990s he has applied his work in digital security to law enforcement, particularly with respect to digital crime, cyberterrorism, and information warfare. His research has been supported by both the industry and the government for over thirty years. His most recent work in secure credentialing technology was funded by the Department of Justice. In addition to his academic pursuits, Berghel is also a popular columnist, author, talk show guest, inventor, and keynote speaker. For nearly fifteen years he wrote the popular Digital Village column for the Communications of the ACM.

Berghel is a Fellow of both the Institute for Electrical and Electronics Engineers and the Association for Computing Machinery, and serves both societies as a Distinguished Visitor and Distinguished Lecturer, respectively. He has received the ACM Outstanding Lecture of the Year Award four times and was recognized for Lifetime Achievement in 2004. He has also received both the ACM Outstanding Contributions and Distinguished Service awards. He is also the founder and owner of Berghel Net, a consulting firm serving business and industry, and co-owner of BC Innovations Management, a startup company in IP and DSM.

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