

Computer Science

Fall 2007 Edition

Welcome to another semester in the Computer Science Department.

On September 27th, the IUSB Student Chapter of the ACM hosted a lecture by Dr. Raymond Paden from IBM. Dr. Paden's lecture, entitled "The Changing Face of Storage I/O in High Performance Computing". It was well attended by students, faculty, and community members.

In the Department:

Dave Surma, Ph.D., has become the Chairman of the Computer Science Department.

Nicolae Santean, Ph.D., has joined our faculty.

Liguo Yu, Ph.D., Associate Professor of Computer Science and Informatics, received a Faculty Research Grant. This grant was used to fund his research in applying data mining on open-source repositories. He presented his paper, "Common Coupling as a Measure of Reuse Effort in Kernel-Based Software", on July 10th in the 19th International Conference on Software Engineering and Knowledge Engineering that was held in Boston, MA this year. The conference aims at bringing together experts in software engineering and knowledge engineering to discuss on relevant results in either software engineering or knowledge engineering or both.

Liqiang Zhang, Ph.D., Associate Professor of Computer Science and Informatics attended and published a paper in the 16th IEEE International Conference on Computer Communications and Networks (ICCCN 2007), He also co-chaired the first IEEE International Workshop on

Wireless Mesh and Ad Hoc Networks (WiMAN 2007)

Robert Batzinger, Ph.D., Informatics lab Supervisor had a very busy summer. In June, he volunteered at a Children's home in Georgia setting up computer networks and assisting with their summer camp. July found him in New York meeting with the board of the Peniel Center introducing them to the Wiki Techniques that have been used to maintain their website. He went to Chiang Mai, Thailand in August. While he was there he finalized the text processing and typesetting of four different versions of the Mien Bible from a single manuscript. He also gave a series of well-attended lectures, in Thai, at Payap University.



Dr. Robert Batzinger explains the Ruby programming language to Thai Students and Faculty

Dana Vrajitoru, Ph.D., Associate Professor of Computer Science, traveled to London this summer. She attended the Genetic and Evolutionary Computation Conference there and

presented a poster on “Hybrid Multiobjective Genetic Algorithms for Graph Drawing”.

Raman Adaikkalavan, Ph.D, Associate Professor of Computer Science and Informatics, presented two papers this summer.

“MavEStream: Synergistic Integration of Stream and Event Processing” was presented at the IEEE International Workshop on Data Stream Processing in conjunction with the International Conference on Digital Communication. Also, he submitted “Event Specification and Processing for Advanced Applications: Generalizations and Formalization” at the 18th International Conference on Database and Expert Systems Applications.