

## **Betty Cheng Named Associate Editor of IEEE Journal**

January 11, 2011

Betty H. C. Cheng, professor of computer science and engineering, has been named an associate editor of IEEE Transactions on Software Engineering (TSE). The publication is an archival journal published bimonthly and includes well-defined theoretical results and empirical studies that have potential impact on the construction, analysis, or management of software.

Cheng's research and teaching interests include requirements engineering, model-driven software development, autonomic computing, automated software engineering, and embedded systems development, all in the context of high assurance systems.

Recently, she has embarked on an exciting new area of interdisciplinary research exploring how digital evolution can be harnessed to support the modeling and development of adaptive and autonomic computing systems. She is the industrial affiliates manager for BEACON, the newly established NSF Science and Technology Center focusing on evolution in action. She is co-founder of the Software and Engineering and Network Systems Laboratory that currently supports five CSE faculty members and their graduate students.

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