Highlight

CHANG-TIEN LU NAMED COLLEGE OF ENGINEERING FACULTY FELLOW

College of Engineering Dean Richard Benson and Chang-Tien Lu at awards ceremony

Chang-Tien (C.T.) Lu, professor of computer science and associate director of the Discovery Analytics Center, has been named a College of Engineering faculty fellow. With this designation, he receives $5000 annually for the next three fiscal years to support his research.

Lu researches how data management can fulfill emerging requirements for storing, analyzing, and visualizing spatial data. His other projects range from explorations of fundamental access and retrieval issues to practical applications that deal with data analysis and knowledge discovery tasks.

In 2015 Lu was one of 49 researchers in the world to be honored as Distinguished Scientist by the Association for Computing Machinery. He was also honored with the College of Engineering's Dean's Award for Research Excellence last year.

He has authored numerous highly respected research papers and produced innovative prototype systems that help professionals in many fields react quickly and make effective decisions in time-sensitive applications. Lu's major contributions include efficient mining algorithms and sophisticated storage structures that can be scaled up to process large scale data, as well as the formalization of spatial patterns and trends.

He has published over 112 articles, which have been featured in top rated journals and conference proceedings. According to the Google scholar index, Lu's papers have been cited 2,630 times and have an h-index of 25. He has received 33 grants -- as principal investigator on 23 of them -- with funding of more than $33 million and his share almost $4 million.

Lu joined Virginia Tech in 2002. He has served as advisor to six Ph.D. and 31 masters' graduates and currently supervises 13 Ph.D. students.

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