

RGJ Seminar Series LXVI

PhD-RGJ in Computer Science, IT and Computer Engineering

Khon Khan University

Research in Computing: from curiosity to new theory and applications

Computing is a new science. This fact makes it different from more established science such as Chemistry and Physics. A new comer in to this field finds it is perplexing and that the field keeps expanding at exponential rate. Two conclusions are obvious (and sound paradoxical). First, it is chaotic and full of uncertainty; hence it is difficult to know the right method and how to get start. Second, it is a very much unexplored landscape, there are opportunities everywhere. In this talk, I try to tell a story of a journey through this exciting landscape. Hopefully, the audience will pick up some useful hints and anecdotes to help reducing the pain of uncertainty. The theme will be from curiosity to experiments to theory and applications. A number of technical works will be illustrated as the story is unfolded.

Speaker

CV Prabhas Chongstitvatana

Prabhas Chongstitvatana earned B.Eng. in Electrical Engineering from Kasetsart University, Thailand in 1980 and Ph.D. from the department of artificial intelligence, Edinburgh University, U.K. in 1992. Presently, he is a professor in the department of computer engineering, Chulalongkorn University. His research included robotics, evolutionary computation and computer architecture. The current work involves bioinformatics and grid computing where he is actively promote the collaboration to create Thai national grid for scientific computing. He is the member of Thailand Engineering Institute, Thai Academy of Science and Technology, Thai Robotics Society, Thai Embedded System Association, ECTI Association of Thailand and IEEE Robotics and Automation Society. Presently he is the chief editor of Engineering Journal.

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