

## Biography

Rosni Abdullah is a Professor in Parallel Computing at the School of Computer Sciences, Universiti Sains Malaysia (USM) and is one of the national pioneers in this field. She obtained her PhD in April 1997 from Loughborough University, United Kingdom specializing in the area of Parallel Numerical Algorithms. Both her Bachelors degree and Masters degree in Computer Science were obtained from Western Michigan University, Kalamazoo, Michigan, U.S.A. in 1984 and 1986 respectively.

Rosni has served as Dean of the School of Computer Sciences at Universiti Sains Malaysia (USM) from 2004 to 2012, after having served as its Deputy Dean (Postgraduate and Research) since 1999. She is also the Head of the Parallel and Distributed Processing Research Group at the School since its inception in 1994.

Her research areas include Parallel and Distributed computing, Parallel numerical algorithms and Computational support for applications of bioinformatics. She has led more than 20 research grants including a European Union grant and 2 Intel grants, and has published more than 100 papers in journals and conference proceedings. In collaboration with Intel, Rosni has led the Multicore Training centre, and the development of the Entry Level Intel Architecture (based on Intel Galileo and Edison Boards) curriculum for the School of Computer Sciences, which is the first for a Malaysian University and one of the 17 Universities worldwide appointed to develop the curriculum.

She is currently the recipient of the Newton Research Collaboration Programme, jointly with Liverpool John Moores University and the Project Lead for the Malaysian team under the Erasmus+ Key Action 2, Capacity building in the field of higher education.

She is now serving as the Director of the National Advanced IPv6 Center (Nav6) which is a center of research excellence in USM that focus on future internet research aligned towards the Internet of Things (IoT)