



Betty PURWANDARI

Home Country
Indonesia

Degree
**PhD in Intelligence,
Agents and
Multimedia**

Expertise
Web Science

Research Focus
**Impact of Mobile Web
on Rural
Areas in Emerging
Economies**

Host University
**University of
Southampton,
United Kingdom**

**Fellowship Awarded
2009**

Betty Purwandari was born in Bandung, Indonesia, where her parents pursued higher education and her grandfather worked as a teacher and later as the headmaster of a primary school. Betty has one sister and one brother. She is married to an industrial mechanical engineer, and they have a son and a daughter.

After earning her undergraduate degree in computer science at the University of Indonesia, Betty obtained her MSc in data communications networks and distributed systems at University College London in the United Kingdom. She is now pursuing her PhD in intelligence, agents and multimedia in the School of Electronics and Computer Science at the University of Southampton in the UK. Betty is developing a methodology to measure and forecast the impact of the mobile web on people in rural areas of developing and emerging economies. Her research goal is to recognize the potential impact of the mobile web in the developing world and on the World Wide Web itself.

More than 80 percent of the world's population lives in less developed regions, and there is impressive growth in mobile cellular penetration in the developing world. As a web scientist, Betty is working within a multidisciplinary research effort to understand the Web, to give practical solutions to engineer its future, and to ensure its social benefit. Her research is also closely related to the World Wide Web Consortium (W3C) Mobile Web for Social Development (MW4D) Interest Group, and the World Wide Web Foundation. The MW4D Interest Group works on the use of potential information and communication technologies on mobile devices to bridge the digital divide in the rural areas of less-privileged countries. The World Wide Web Foundation has a mission to advance the Web to connect humanity and to empower people.

Betty believes in the value of education and wants to return home to teach in the Faculty of Computer Science at the University of Indonesia.