

INTERNATIONAL ENGINEERING CURRICULUM AND PROGRAMS: DENMARK, SWEDEN AND CANADA

Moderator

Monique Frize

NSERC/Nortel Joint Chair in Women in Science and Engineering
University of Ottawa and Carleton University, Canada

Monique was the first woman to receive a Bachelor of Engineering degree at the U. of Ottawa (1966). An Athlone Fellow, she completed a Master in Philosophy in Engineering in Medicine (EE) at Imperial College (London) in 1970. She completed an M.B.A. in 1986 and a Doctorate at Erasmus Universiteit in Rotterdam, Netherlands, in 1989. Monique worked as a clinical engineer in hospitals for 18 years and became the first Chair of the Division of Clinical Engineering for the International Federation of Medical and Biological Engineering (IFMBE) (1985-90). In December 1989, Monique was appointed as the holder of the Nortel-NSERC Women in Engineering Chair at the U. of New Brunswick and Professor in the Electrical Engineering department. In 1997, she was appointed to the new NSERC/Nortel Joint Chair in Women in Science and Engineering (Ontario), hosted by both U. of Ottawa and Carleton U. She was also appointed as Professor in the Systems and Computer Engineering Department at Carleton U. and Professor in the School of Information Technology Engineering at the U. of Ottawa. Monique has published over 125 papers and technical reports in the field of clinical engineering, electrical burns, and more recently on artificial intelligence applied to medical decision-support systems and women in engineering.

Speakers

Prof. Knud Holm Hansen

Vicehead of Export Engineering Department
Engineering College of Copenhagen, Denmark

Inger Grufman

Civilingenjors Forbundet
Swedish Association of Graduate Engineers, Sweden

Irene Mikawoz, P. Eng.

Director of Student Affairs
University of Manitoba, Canada

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1998 WEPAN National Conference