



## Solveig Ward

Solveig received her M.S.E.E. from the Royal Institute of Technology, Sweden in 1977 and joined ABB Relays the same year. She has held many positions in Marketing, Application, and Product Management, was responsible for the application aspects in the development of a numerical distance protection relay and in charge of marketing the product. After transferring to ABB in the US 1992, she was involved in numerical distance protection design, and was Product Manager for ABB's line of current differential and phase comparison relays. Solveig is a member of IEEE, has authored many technical papers and holds one patent. In 2002 she joined RFL Electronics Inc. as Director of Product Marketing and is involved in development of new products. In her spare time, Solveig enjoys reading, cooking, crafts and trying to get back in shape.



## Klaus-Peter Brand

Klaus-Peter Brand received his MS and Ph.D. in Physics from the University in Bonn, Germany. Working in Switzerland since 1976 for BBC and now ABB in different positions, he was involved in creating the Substation Automation (SA) business and co-authored the SA Handbook. He is now teaching and consulting at the ABB University. He is active member of Cigre SC B5. In IEC TC57WG10 he is acting as expert, author and co-author of IEC 61850 from the beginning. He is Senior Member of IEEE and chair of the Swiss chapter of IEEE PES. For relaxation Klaus-Peter is reading books with scientific background. As member of the Swiss Alpine Club, he enjoys hiking to the tops of Switzerland. His well-proven anti-ageing method is the creative confrontation with his growing family.

## Andrei Podshivalin

Andrei Podshivalin received his B.Sc., M.Sc. EE and Ph.D. degrees from the Chuvash State University in Cheboksary, Russia, in 2002, 2004, and 2005 respectively. Since 2001 he has been with Research Centre BRESLER, Cheboksary, relay protection and automation equipment producer. His primary research activities are transmission line protection and fault location. Andrei introduces scientific research into his developments. He has been first student member (2003) and then member of the IEEE Power Engineering Society.

He likes swimming, playing beach and indoor volleyball, tennis and ping-pong. He loves traveling. Whatever the event, he makes pictures and takes part in the PAC World photo contest.



## Jorge Miguel Ordacgi Filho

Jorge Miguel Ordacgi Filho is a Professional Electrical Engineer who graduated from Universidade Federal Fluminense. During his carrier as a protection engineer (1974 - 1998) with FURNAS Centrais Elétricas, Itaipu Hydro and ELETOBRÁS he worked on settings calculations, analysis, transmission line protection (up to 500 kV) and power plants. He later joined the Brazilian ISO managing the implementation of special protection systems and was later involved with Control Center Automation Systems, SCADA, etc. 1975 - 1992 he taught Power System Protection at Universidade Veiga de Almeida in Rio.

Jorge is the Brazilian Member of CIGRÉ SC B5 - Protection and Automation. He used to play drums - jazz and bossa nova - just for fun. Now his free time is dedicated to his granddaughter Sofia and Persian cat Ico!

