

## Prize Paper Award

### “IEEE PSRC Report on Performance of Relaying During Wide-Area Stressed Conditions”

**Damir Novosel, George J. Bartok, Gene Henneberg,  
Pratap Gopal Mysore, Demetrios A. Tziouvaras, Solveig Ward**



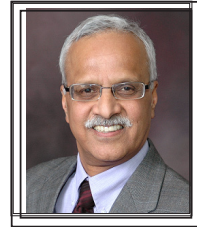
**Damir Novosel**, IEEE Fellow, is President of Quanta Technology. His major area of expertise is in power system monitoring, protection, control, and automation. Damir holds 16 US and international patents and has published over 100 articles in Refereed Journals and Conference Proceedings. He is Chair of the IEEE PES Technical Council and IEEE PES VP of Technology. Damir holds PhD and MSc degrees in electrical engineering from Mississippi State University and University of Zagreb, Croatia, respectively



**George J. Bartok** received the Master's degree in Electric Power Engineering from Rensselaer Polytechnic Institute, Troy, NY. He is Principal Power System Engineer with RLC Engineering in Augusta, ME. He has 42 years experience in power system planning, operation, and protection. He has authored and presented several technical papers in the areas of power system protection, automation, and simulation. He is a Senior Member of IEEE and a registered professional engineer in Connecticut and Maine.

**Gene Henneberg** received his BSE from Walla Walla College and MSEE from Washington State University. He has been an engineer at NV Energy in transmission planning, substation construction and maintenance and protection engineering for several years. He is a member of the WECC Relay Work Group and Chair of the WECC Remedial Action Scheme Reliability Subcommittee. He is active in the IEEE Power Systems Relaying Committee and has authored and presented several conference paper-technical interests include dielectric design, gaseous and solid insulation, materials, and insulation ageing.

**Pratap Gopal Mysore** is with HDR Engineering Inc. as National Relay and Protection engineer. Prior to joining HDR in January 2011, he was with Xcel Energy for over twenty-three years. He is actively involved in standards development activities of IEEE and is presently the chair of substations subcommittee of IEEE Power Systems Relaying Committee. He is the recipient of an IEEE local chapter Outstanding Engineer award in 2000.



**Demetrious A. Tsiouvaras** received his BSEE from the University of New Mexico and MSEE from Santa Clara University. He is an IEEE SM and a member of Power System Relaying Committee and CIGRE. He worked at PG&E Co. as a principal protection engineer. In 1998, he joined Schweitzer Engineering Laboratories, Inc. He holds four patents and has authored more than 50 technical papers. He chaired the CIGRE.

**Solveig Ward** has over 34 years experience working in a variety of managerial, product management and marketing roles in the protective relaying and communications area in ABB, RFL Electronics, and Quanta Technology.

She is a Senior Member of IEEE and Chair of its System Protection Subcommittee. Solveig has authored over 20 papers and magazine articles. She is co-author of three transaction papers, co-editor of one book, and holds one patent in the relay protection field.



## Prize Paper Award

### “Experimental and Theoretical Analysis of Vacuum Circuit Breaker Prestrike Effect on a Transformer”

**Marjan Popov, René Peter Paul Smeets, Lou van der Sluis,  
Hans De Herdt, Jan Declercq**



**Marjan Popov** received his Ph.D. degree in Electrical Power Engineering from Delft University of Technology, The Netherlands in 2002. From 1993 to 1998 he was with the University of Skopje, Macedonia and in 1997 with the University of Liverpool, U.K. At present, he is Associate Professor in Electrical Power Systems at Delft University of Technology. His research interest is in intelligent protection for future power systems, power system transients and large scale of renewable energy.



**René Peter Paul Smeets** has been employed at KEMA, Netherlands, since 1995 in high-power testing. He received a Ph.D. degree from Eindhoven University in 1987. During 1991 he worked with Toshiba Co. in Japan.

He is professor at Eindhoven University and active in several working groups in research and standardization in power engineering (CIGRE, IEC). He is Fellow of IEEE and chairs the “Current Zero Club”. He published over 200 papers on high-power switching and testing

**Lou van der Sluis** (M'81, SM'86) obtained his M.Sc. in electrical engineering from the Delft University of Technology in 1974. He joined the KEMA High Power Laboratory in 1977 where he was involved in the development of a data acquisition system, computer calculations of test circuits and the analysis of test data. Since 1992 he has been a professor at his alma mater in the Power Systems Department. Prof. Van der Sluis authored the books "Transients in Power Systems" and "Electrical Power System Essentials".



**Hans De Herdt** was born in Rumst, Belgium on October 7, 1964. He obtained his M.Sc. in electrical-mechanical engineering in 1987 from the Katholieke Universiteit Leuven, Belgium. In 1989 he joined Pauwels Trafo Belgium as an R&D project engineer. He is currently working for CG Power Systems Belgium as developer of an integrated transformer design system. His main interests are electromagnetic field calculations, transient voltage calculations, insulation coordination and transformer modeling.



**Jan Declercq** M.Sc, MBA, Ph.D. at KU Leuven, Belgium, research at Purdue University USA and joined Pauwels Trafo Belgium afterwards. He is now Chief Business Development Officer of CG Power, a products and systems provider in Transmission and Distribution. He is active in Agoria, FOSG, EWEA, IEEE, IEC, Cigré. As convenor of Cigré A2WG24 on Thermal Performance, he received the Cigré Technical Award. His interests are transformers and systems in smart grids and renewable energy.

