

2009 IEEE Conference on the History of Technical Societies

**Philadelphia, Pennsylvania. WUC
5-7 August 2009**



**IEEE Catalog Number: CFP09HTS-PRT
ISBN: 978-1-4244-5119-7**

TABLE OF CONTENTS

Across the Past 50 Years of IEEE Presence in Italy	1
<i>S. Donati, A. Savini</i>	
Creating the IEEE Code of Ethics	11
<i>E. Pugh</i>	
Concurrent Evolution of a Discipline and its Technical Society: The IEEE Signal Processing Society	24
<i>J. Flanagan</i>	
125 Years of IEEE History	30
<i>S. Hochheiser</i>	
ABET and IEEE: A History Intertwined	35
<i>M. Aldridge, K. Cryer</i>	
History of the IEEE Product Safety Engineering Society (From Creation Through The First Five Years)	43
<i>M. Montrose</i>	
History of IEEE in Australia	53
<i>D. Burger</i>	
A Short Historical Glimpse of the Founding (Electrical) Fathers	60
<i>J. Cross-Cole</i>	
EMB History to Increase Health Technology Literacy in the General Public for Improved Health World Wide	66
<i>R. Leder</i>	
The History of the Brazilian Telecommunications Society	67
<i>M. Alencar, R. Alencar, W. Lopes, F. Madeiro</i>	
History of the IEEE Shreveport Section, Its Struggles and Recent Revival	73
<i>V. Govindaswamy, G. Balasekaran</i>	
A History of the Society on Social Implications of Technology 1981-2009: Some Themes and Activities	76
<i>J. Rochester</i>	
A History of the IEEE Antennas and Propagation Society	80
<i>A. Schell</i>	
IEEE Conference on the History of Technical Societies A Celebration of the 125th Anniversary of the IEEE	83
<i>J. Bordogna</i>	
The History of Technical Societies: Why and How To Do Them	85
<i>D. Hochfelder</i>	
The IEEE Oceanic Engineering Society: From National to Global, 1968 – 2009	100
<i>S. Chamberlain</i>	
Failed Societies of Computing: Committee Z and the Professionalization of Programming	107
<i>D. Grier</i>	
A Brief History of the Computing Sciences Accreditation Board (CSAB) Promoting Quality Education in the Computing Fields	113
<i>G. Engel, J. Impagliazzo, P. LaMalva</i>	
Control Engineering and the Professional Societies The Early Days in International Context	121
<i>C. Bissell</i>	
Growth of Diversity in IEEE’s History	126
<i>J. Vig</i>	
Fred Stark Pearson, the AIEE, and Transnational Engineering in the Early 20th Century	131
<i>G. Cooke</i>	
History of the IEEE Organization in Japan	136
<i>E. Ohno</i>	
International Importance of Professional Societies and Associations in Development of Telecommunication - Russian Experience	140
<i>N. Borisova, L. Bakayutova</i>	
How Information Theory Changed The World - A Brief Review of the History of the Information Theory Society	144
<i>A. Ephremides</i>	
IEEE in Asia and Pacific: A Brief History of IEEE Region 10	151
<i>Y. Park, Z. Ahmed</i>	

The Benelux Section and Early IRE/IEEE Activity in Europe	155
<i>J. Biemond, B. Barrow</i>	
Measuring History in the I&M Society	164
<i>K. Fowler, J. Oakes, D. Braudaway, H. Goldberg, L. Adriano</i>	
The Lifetime Experience of an IEEE Past President with the IEEE	176
<i>R. Larson</i>	
History of IEEE-USA: 1973-2009 – An Overview of Four Decades	184
<i>J. Meredith, P. McCarter</i>	
Engineering Professional Societies in Italy: A Historical Perspective	205
<i>L. Dadda</i>	
A Historical Perspective of the IEEE Computer Society Six Decades of Growth with the Technology It Represents	221
<i>W. King, S. Land</i>	
Remembering the Roots for the Sake of the Future	227
<i>F. Arakawa</i>	
“Cuerpo de Telégrafos”: First Attempts to Create a Professional Body for Electrical Communications in Spain	235
<i>A. Yuste, O. Sanjuan</i>	
A Short History of the IEEE Region 9 One Hundred Years of Electrical Engineering in Latin America	242
<i>J. Miguez</i>	
The Brazilian Society of Automatics - SBA	249
<i>C. Pereira, C. Bottura</i>	
Historians: Learning from the History of Technical Societies	255
<i>J. Coopersmith</i>	
IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society -UFFC, Touching the World -	262
<i>J. Brown, F. Hickemell</i>	
Brief Historical Overview of Women and Scientific and Technical Societies	273
<i>M. Frize, R. Seeton, N. Yu</i>	
Reenactment of the IEEE Chicago Section’s Inaugural Meeting	277
<i>G. Thomas</i>	
A History of the IEEE Computational Intelligence Society	284
<i>G. Fogel</i>	
History of the Spanish Association of Telecommunication Engineers (Asociación Española de Ingenieros de Telecomunicación, AEIT)	289
<i>O. Sanjuan, A. Yuste</i>	
Differentiation of Medical Electronics in Organization of the IRE and AIEE	298
<i>M. Reiner</i>	
The Beginnings of the American Society of Civil Engineers	316
<i>H. Petroski</i>	
Fifty-Five Years in Control: The Story of the CSS	325
<i>D. Abramovitch, G. Franklin</i>	
Influence of the IEEE Spain Section in the Spanish Scientific-Technical System from 1968 to 2008: An Historical Perspective	342
<i>J. Delgado-Penin</i>	
“A Swindling Concern”: The National Institute of Inventors, 1914-1925	346
<i>E. Hintz</i>	
Evolution of Engineering through the Milestones of Technical Societies in the San Fernando Valley & the Greater Los Angeles Area 1942-2009	351
<i>N. Chu</i>	
A Personal View of Engineering Ethics	359
<i>E. Owen</i>	
The Institute of Electronics, Information and Communication Engineers	365
<i>S. Shinoda, T. Hanazawa</i>	
Sociotechnical Settlement and Mediation in a System of Technical Societies: A Relational History of the IEEE Computer Society and ACM, circa 1967-1977	371
<i>B. Jesiek</i>	
Co-Evolution of Human and Machine: Neuroprosthetics in the 21st Century	377
<i>J. Sanchez</i>	
The Electrical Power Engineering Profession in Sweden - Overview and Milestones	381
<i>S. Eriksson</i>	

IEEE – A Bold Leader in Changing the Essence of Technical Publications	386
<i>K. Laker</i>	
The IEEE Robotics and Automation Society History	393
<i>A. Bejczy</i>	
Author Index	