

TECHNICAL PROGRAM

FOREWORD

It is my great pleasure to welcome all delegates and accompanying persons to Rio de Janeiro and to the IV International Conference on Power Systems Transients, IPST'2001.

IPST'2001 is hosted by the Federal University of Rio de Janeiro. The Technical Committee Chairpersons are Bernd R. Oswald (Germany) and Carlo Alberto Nucci (Italy), thus maintaining the IPST tradition to have the Technical and Local Committees based on different continents to ensure a broad international technical culture. Professors Oswald and Nucci, and the members of the Technical Committee as well, are to be congratulated for their careful and hard work in analyzing more than 240 abstracts that were submitted. The technical program comprises 122 papers that will be presented in 3 plenary and 23 parallel sessions. In order to enhance the future referral value of IPST papers, authors have been requested to send files containing their contributions to the IPST permanent Home Page: <http://www.ipst.org> .

IPST'01 is happening at a specially challenging period for the Electric Power Industry in Brazil. Much against technical advice and common sense, decisions concerning investments in both the transmission and generation capacities in the country were postponed, based solely on short term economic analysis. As a result, the country is facing an acute energy crisis with dire consequences to the economy and to the wellbeing of the population. A similar and perhaps more acute crisis is occurring in California, USA, where once again, short sighted policies have prevailed over technical wisdom. However, the crises in Brazil and California will give power engineers and researchers alike, enhanced opportunities to apply their technical capabilities, to ensure the best possible solutions to the planning and operation of electric power systems. I am sure that the technical work selected for presentation at this IPST'01 contains many important contributions to achieve this goal.

I would like to express the recognition of the Local Organizing Committee to the numerous sponsors of this Conference. I would like to acknowledge the very hard work of the Local Organizing Committee members. It has been a pleasant experience to work with them.

Finally, I would like to thank the IPST Organizing Committee for honoring me to serve as Conference Chairman.

Sandoval Carneiro Junior

IPST'01 Local Organizing Committee Chairperson