

**GASEOUS
DIELECTRICS
IX**

GASEOUS DIELECTRICS IX

Edited by

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PREFACE

The Ninth International Symposium on Gaseous Dielectrics was held at the Turf Valley Resort and Conference Center, Ellicott City, Maryland, USA, May 21-25, 2001. The symposium continued the interdisciplinary character and comprehensive approach of the preceding eight symposia.

Gaseous Dielectrics IX is a detailed record of the symposium proceedings. It covers recent advances and developments in a wide range of basic, applied, and industrial areas of gaseous dielectrics. It is hoped that *Gaseous Dielectrics IX* will aid future research and development in, and encourage wider industrial use of, gaseous dielectrics.

The Organizing Committee of the Ninth International Symposium on Gaseous Dielectrics consisted of L. G. Christophorou (USA), A. H. Cookson (USA), J. de Urquijo (Mexico), E. J. Dolin (USA), O. Farish (UK), M. E. Fréchette (Canada), I. Gillimberti (Italy), A. Garscadden (USA), H. Hama (Japan), T. Kawamura (Japan), V. Lakdawala (USA), E. Marode (France), I. W. McAllister (Denmark), H. Morrison (Canada), A. H. Mufti (Saudi Arabia), L. Niemeyer (Switzerland), J. K. Olthoff (USA), W. Pfeiffer (Germany), Y. Qiu (China), I. Sauers (USA), M. Schmidt (Germany), H.-H. Schramm (Germany), S. Yanabu (Japan), Y. Wang (USA), and J. W. Wetzer (The Netherlands). The Local Arrangements Committee consisted of members of the Conference Services Department of the National Institute of Standards and Technology (NIST). The contribution of each member of these committees, the work of the session chairmen, the interest of the participants, and the advice of many colleagues are gratefully acknowledged. I am especially indebted to Dr. James K. Olthoff and Dr. Alan Cookson of NIST and to Professor Jack Moore of the University of Maryland for their help in making this such a successful meeting. Special thanks are also due to Kathy Kilmer, Sylvia Mahon, and Teresa Vicente of NIST for their assistance in organizing and running the symposium.

The Ninth International Symposium on Gaseous Dielectrics was hosted by the National Institute of Standards and Technology. It was sponsored by the National Institute of Standards and Technology, USA; ABB, Switzerland; Air Force Research Laboratory, USA; Hitachi Limited, Japan; Kansai Electric Power Company, Japan; Mitsubishi Electric Corporation, Japan; Tokyo Electric Power Company, Japan; and Toshiba Corporation, Japan. The symposium was technically sponsored by the IEEE Dielectrics and Electrical Insulation Society. The support of the host institution and the financial assistance of the sponsors are acknowledged with gratitude.

It was suggested that a Tenth International Symposium on Gaseous Dielectrics be held in the Spring of 2004.

Loucas G. Christophorou, Symposium Chairman
Gaithersburg, Maryland

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