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WELCOME TO ATLANTA!

Along with the entire PESC'95 Organizing Committee, we welcome you to Atlanta for an outstanding edition of PESC. You are joining us in the City of Atlanta at a time when preparations are in full swing for the 1996 Centennial Olympic Games. As we will be able to show you, construction of many Olympic venues is being completed while the city infrastructures are also being updated.

The Power Electronics Specialists Conference is a yearly event where scientists and engineers from academia, industry, and government gather to present and discuss their research and development results. In addition, PESC provides a forum where participants can outline new ideas and concepts while seeking input from their peers.

The 158 members from 28 countries of the Program Committee have worked hard to maintain and enhance PESC's reputation as the leading conference in power electronics R&D. Indeed, over 330 abstracts were received and reviewed from 34 countries. Following the Program Committee meeting held on January 7, 1995, 203 papers from 30 countries were selected for presentation at the conference. In addition, two tutorials, *Conducted EMI in Switching Power Supplies* and *Discharge Lamp Ballasting*, are intended to address the professional development needs of the participants. Finally, three rap sessions on *Utility Applications of Power Electronics: A Future Scenario*, *Power Electronics Technology for Manufacturability*, and *Electromagnetic Integration in Power Electronics*, have been organized to address timely issues and to ensure lively debates. We are proud to once again provide a truly international conference in scope, organization, and participation.

We have selected the Swissôtel as the conference site; we are confident that you will enjoy the first class accommodations. In addition, we will have full access to all conference facilities which are truly outstanding. The hotel is located at the heart of the fashionable Buckhead area of Atlanta within walking distance to first-rate shopping facilities and MARTA, the rapid rail system by which most cultural and recreational sites can be reached, including Atlanta's Hartsfield International Airport.

Atlanta is not only the capital for a vibrant region confidently launching itself into the twenty-first century, it is also the heart of the traditional south. The social events and tours are planned for the conference are designed to help you discover both aspects of the host city. In closing, we wish to thank all members of the Organizing Committee and our staff who have worked long and hard to make this conference a success.



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Conducted EMI in Switching Power Supplies

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Discharge Lamp Ballasting

Laszlo Laskai, GE Corporate R&D

Ira J. Pitel, Magna Power Electronics

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Topic 1: Utility Applications of Power Electronics: A Future Scenario

Topic 2: Power Electronics Technology for Manufacturability

Topic 3: Electromagnetic Integration in Power Electronics

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