

IEEE
CIRCUITS AND SYSTEMS SOCIETY
2004 AWARDS
and
IEEE FELLOWS



Technical Achievement Award

David J. Allstot

University of Washington
Seattle, Washington, USA

*For outstanding contributions to mixed-signal and
RF integrated circuits design.*

Education Award

Paulo S.R. Diniz

Universidade Federal do Rio De Janeiro

Rio de Janeiro, Brazil

For contribution to education through his textbooks, short courses, public lectures, and as an inspiring teacher and advisor.

CAS Industrial Pioneer Award

Ya-Qin Zhang

Microsoft Corporation

Redmond, Washington, USA

For extraordinary contributions to the research, standardization, and commercialization of various media coding and communication technologies.

Darlington Award

Sergio Callegari

University of Bologna
Bologna, Italy

Riccardo Rovatti

University of Bologna
Bologna, Italy

Gianluca Setti

University of Ferrara
Ferrara, Italy

"Spectral Properties of Chaos-Based FM Signals: Theory and Simulation Results," *IEEE Transactions on Circuits and Systems - Part I: Fundamental Theory and Applications*, vol. 50, no. 1, pp. 3-15, January 2003.

IEEE Fellow Award

Shih-Fu Chang

Columbia University

New York, New York, USA

For contributions to digital video and multimedia technologies.

IEEE Fellow Award

Adrian Ioinovici

Holon Academic Institute of Technology

Holon, Israel

*For contributions to switched-capacitor based
power electronic circuits.*

IEEE Fellow Award

Yukihiro Nakamura

Kyoto University

Kyoto, Japan

*For contributions to very large scale integration
synthesis methodologies.*

IEEE Fellow Award

Gordon Roberts

McGill University

Montreal, Quebec, Canada

For contributions to the design and test of analog and mixed-signal integrated circuits, and education.

IEEE Fellow Award

Mohamad A. H. Sawan

Ecole Polytechnique de Montreal

Montreal, Quebec, Canada

For contributions to implantable medical devices.

IEEE Fellow Award

Hong-Jiang Zhang

Microsoft Research Asia

Beijing, China

For contributions to media computing and leadership in content-based visual media analysis, retrieval and browsing.

IEEE Fellow Award

Binboga Siddik Yaraman

Isik University

Istanbul, Turkey

*For contributions to computer-aided design of
broadband amplifiers.*