



Workshop On
Frontiers in
Electronics
WOFE-07



December 15-19 (2007)

ANNOUNCEMENT and CALL FOR PAPERS

WOFE 07 is sponsored by
Instituto Nacional de Astrofísica, Óptica y Electrónica
(INAOE) Mexico



Sponsorship by NSF,
ARO, AFOSR, and
ONR is being requested

Venue: Royal Park Hotel, Cozumel, Mexico Playa Paraiso Km 3.5, Costera Sur, Cozumel,
Quintana Roo 77600, Mexico Tel: 52(987)8720700 Fax: 52(987)8721301
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**WOFE Organizing
Committee:**

Chair: M.S. Shur
Program co-Chairs:
S. Cristoloveanu
H. Iwai,
Y. Nishi
Technical Chair: J. J. Liou
Local chair: R. A. Murphy
Treasurer: G. H. Narode
Award Chair: Usha Varshney
Secretary: A. Koudymov

The topics of interest include
(but not limited to)

Bioelectronics
*Nanotubes as physical and bio
sensors*
Applications of nanodevices
*Wide band gap technology for
high power and UV photonics*
*Terahertz and infrared electronics
and photonics*
*Silicon and Germanium on
Insulator and advanced CMOS
and MOSFETs*
*Thin film transistors and giant
area electronics*
Characterization of Nanodevices
Nano MEMs

WOFE-07 is a sequel to WOFE-97, WOFE-99, WOFE 2002, WOFE-2004

The aim of the workshop is to bring together leading scientists and engineers who work at the frontiers of electronic devices and circuits, yet emerging from traditionally separated fields with different professional background. Rapid pace of electronic technology evolution compels a merger of such technical areas as low-power digital electronics, microwave power circuits, optoelectronics, etc., which collectively have become the foundation of today's electronic technology. The Workshop aims at encouraging active cross-fertilization of the different "species" in this electronic planet. The WOFE will gather experts from academia, industry, and government agencies to review the recent exciting breakthroughs and their underlying physical mechanisms. The program committee invites discussions of controversial issues, provocative views, and visionary outlooks. Debates on the future trends and directions and the market pulls as well as the necessary policy and infrastructure changes are encouraged. Attempts will be made by the committee to solicit alternative views and rebuttals.

Important deadlines:

October 1st, 2007 – Deadline for abstract submission
(One page, Times Roman font 12 points, margins 1 inch on all sides in
pdf or WORD only)
by email to kudyma@rpi.edu

November 1st, 2007 – Acceptance notification

More information is available at
<http://nina.ecse.rpi.edu/shur/wofe07>