

## 2002 IEEE Circuits and Systems Society (CAS) tour on Nanotechnology and Gigascale systems

During the week from November 17th to November 23rd, the **2002 IEEE Circuits and Systems Society (CAS) tour on Nanotechnology and Gigascale systems** will take place in Mexico, Colombia and Argentina.

Following a similar modality than in previous meetings held at Argentina and Brazil (1998, 1999, 2000 and 2001) the 2002 IEEE CAS TOUR this year will have the participation of the community of three Latin American countries: Mexico, Colombia and Argentina.

The Workshop will be held, in consecutive days, at the following places

- **Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE)**, Puebla, **México**. Local contact: **Dr. Roberto S. Murphy** ([rmurphy@ieee.org](mailto:rmurphy@ieee.org))
- Departamento de Ingeniería Eléctrica y Electrónica, **Universidad de Los Andes**, Bogotá, **Colombia**. Local contact **Dr. Antonio García Rozo** ([angarcia@uniandes.edu.co](mailto:angarcia@uniandes.edu.co)).
- Departamento de Ingeniería Eléctrica, **Universidad Nacional del Sur**, Bahía Blanca, **Argentina**. Local contact: **Dr. Juan E. Cousseau** ([iecousse@criba.edu.ar](mailto:iecousse@criba.edu.ar))

The specific organization of the meeting involves the participation of six world class guest lecturers in the area of Nanotechnology and Gigascale system design technologies. Their participation will be the same at the three places. They are:

- **Prof. Leon O. Chua**, University of California, Berkeley, California, US. E-mail: [chua@eecs.berkeley.edu](mailto:chua@eecs.berkeley.edu). URL: <http://www.ee.cityu.edu.hk/~cccs/leon.htm>. Lecture: **Molecular Circuits and Computers**.
- **Prof. Bing Sheu**, Nassda Corporation. E-mail: [b.sheu@ieee.org](mailto:b.sheu@ieee.org). URL: [www.nassda.com](http://www.nassda.com). Lecture: **Nanometer Silicon Technology Research and Real-World Impacts**.
- **Prof. Wolfgang Porod**, University of Notre Dame, Notre Dame, Indiana, US. E-mail: [porod@nd.edu](mailto:porod@nd.edu). URL: <http://www.nd.edu/~porod>. Lecture: **Nanoelectronics: Opportunities and Challenges, Quantum-Dot Cellular Automata**.
- **Prof. Andreas Andreou**, The John Hopkins University, Baltimore. E-mail: [andreou@jhu.edu](mailto:andreou@jhu.edu). URL: <http://olympus.ece.jhu.edu/~andreou/index.htm>. Lecture: **Gigascale Integration of Brain-like Systems in Silicon: Technologies, Circuits and Architectures**
- **Prof. Martin Hänggi**, University of Notre Dame, Notre Dame, Indiana, US. E-mail: [mhaenggi@nd.edu](mailto:mhaenggi@nd.edu). URL: <http://www.nd.edu/~mhaenggi>. Lecture: **From Nanodevices to Distributed Systems: Nanonetworks**

- **Prof. Angel Rodriguez Vazquez**, Instituto de Microelectrónica de Sevilla-CNM/CSIC, Sevilla, España. E-mail: [angel@imse.cnm.es](mailto:angel@imse.cnm.es). Lecture: **State of the Art and Challenges of Sensory/Processing Chips**.

The main purpose of the initiative is to present each topic in a tutorial form to open the interest of the academic and professional communities in Latin American countries to that areas.

The main focus of the initiative is to use similar experiences of previous years to motivate students and professionals to participate and become involved with the experiences of the lecturers. The expected audience is in the order of 80 to 100 assistants in Argentina (this was the average in the previous meetings).

The initiative is actually being coordinated by Dr. Pedro Julián, Universidad Nacional del Sur, Argentina (now at John Hopkins University, Baltimore, US). The Region 9 Circuits and Systems Society authority (2002/2003) is Prof. Sergio Lima Netto, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil. E-mail: [sergioln@lps.ufrj.br](mailto:sergioln@lps.ufrj.br), URL: <http://www.lps.ufrj.br/profs/sergioln/>