

**YEREVAN STATE UNIVERSITY  
NATIONAL ACADEMY OF SCIENCES OF  
ARMENIA**

**8<sup>th</sup> INTERNATIONAL CONFERENCE ON  
SEMICONDUCTOR  
MICRO- & NANOELECTRONICS**

**ICSMN-2011**

**July 1-3, 2011  
Yerevan, Armenia**



**FIRST ANNOUNCEMENT  
and  
CALL FOR PAPERS**

**ICSMN-2011 ORGANIZING COMMITTEE**

**Vladimir Aroutiounian,** Conference Chair  
Yerevan State University, Armenia  
**Ferdinand Gasparyan,**  
Yerevan State University, Armenia  
**Edward Kazaryan,**  
Russian-Armenian University, Armenia  
**Vazgen Melikyan,**  
Synopsys, Armenia  
**Aram Vardanyan,**  
“ViaSphere” Technoparc, Armenia  
**Ruben Vardanyan,**  
State Engineering University of Armenia  
**Patrick Soukiassian**  
Paris-Sad/Orsay University, France

**SCOPE**

The 8<sup>th</sup> International Conference on Semiconductor Micro- & Nanoelectronics (ICSMN) will continue the tradition of the seven previous successful Symposia. The ICSMN provides an excellent opportunity to bring together scientist and engineers from universities, research institutes and companies to present and discuss the latest results in the general field of semiconductor materials and devices, micro- and nano-systems.

**CALL FOR PAPERS**

The Organizing Committee of ICSMN-2011 invites contributions describing the latest research results in topics including, but not restricted to:

- Surface, bulk and interface phenomena in semiconductors;
- Generation-recombination phenomena, instabilities, noises;
- Solar cells, lasers, LEDs, photodetectors;
- New functional materials and devices for micro-, nano- and opto-electronics; modelling, characterization and design;
- Physical properties of the low-dimensional systems; nanowires; nanotubes; nanodots;
- Micro- and nanofabrication;
- Semiconductor based chemical and gas sensors; biosensors; electronic nose and tongue;
- Design of semiconductor integral circuits.

**PRESENTATIONS**

The programme will consist of invited lectures (30 min), oral contributions (15 min) and a poster session. The selection of the presentations (oral or poster) will be based on the review of article by the program committee.

**PAPER SUBMISSION**

Authors are kindly invited to submit a 4-page article to be published in the conference proceedings. All delegates will receive printed conference proceedings at the conference. The authors of selected papers will be invited to submit updated full papers to Journal of Contemporary Physics (Springer) or Armenian Journal of Physics.

**IMPORTANT DATES**

**April 25, 2011** Submission deadline for 4-page article  
**June 1, 2011** Notification of acceptance  
**July 1-3, 2011** 8<sup>th</sup> ICSMN

**GENERAL INFORMATION**

**Language:** Conference language is English.

**Climate:** The weather in Armenia in July is sunny and warm.

**Visa:** Participants from a number of countries may need an entry visa for the Armenia In Airport Yerevan or in Armenian Embassy of this Country.

## GUIDELINES AND EXAMPLE FOR THE PREPARATION OF 4-PAGE ARTICLE

### HALL EFFECT (Bold, 14pt)

*P.M. Sarkisian<sup>1</sup>, J.D. Craus (Italic, 12pt)*

<sup>1</sup> *Yerevan State University, E-mail: (Italic 11pt)*

### 1. Introduction (Bold, Italic, 12)

In English; A4 (297x210 mm); Margins: top and right 15 mm, bottom and left 20 mm; Times NR; Font size 12pt; Line spacing 1.5.

### 2. Theory

As it is known [1-4] ....

### 3. Conclusions

Thus . . .

### References (Bold, Italic, 12)

1. **A. Smith.** Semiconductors, Acad. Press, NY, 1987.
2. **A.B. Avagian, H.V. Sokolov.** J.Appl. Phys., v.12, 71 (2006).
3. **S.B. Devis.** Proc. 1<sup>st</sup> Nat. Conf. Semicond. Microelectron., Dilijan May 22-23, 1997. Yerevan, 1997, p.14.

### POSTER SESSION

Authors of the PS are requested to prepare a poster in English (90x120cm).

## REGISTRATION FEES

Standard attendee: USD 200

Students: USD 100

For hotel reservation in Yerevan can be used the possibilities of the YSU Guest House or Armenian Hotel Reservation Center:  
[http://www.visitarm.com/Yerevan\\_map.html](http://www.visitarm.com/Yerevan_map.html);  
Tel: +37491345322, Fax: +37410235076,  
E-mail: [info@visitarm.com](mailto:info@visitarm.com);  
YSU Guest House: [ysugh@xter.net](mailto:ysugh@xter.net)

### For further information please contact:

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**Prof. F. Gasparyan, YSU**

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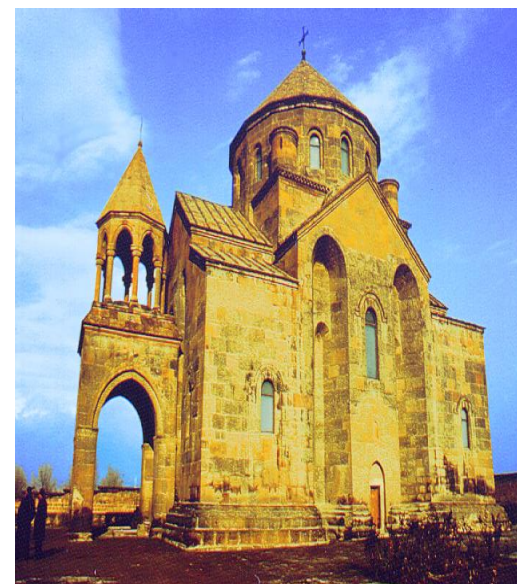
Additional update on conference will be provided on [www.semicond.ysu.am](http://www.semicond.ysu.am) webpage.

### SOCIAL PROGRAM

- Tours: Garni-Geghard, Echmiadzin and Lake Sevan



Garni, Pagan Temple, 1st century



St. Hripsime Cathedral, 628, Echmiadzin