

Report on YU MTT-S Chapter Activities for 2003

1. CONFERENCES

Among the activities of the YU MTT-S Chapter, organizing and supporting the international and national conferences take a special place.

YU MTT-S Chapter supported the organization of the national conference "ETRAN 2003", held in Herceg Novi, Montenegro, on June 9-13, 2003. Four very successfully organized sessions at this conference: "Microwave Antennas", "Microwave Passive Circuits", "Microwave Active Circuits" and "Optical and Microwave Systems" were related to the microwave technique field.

The 6th conference in this series, "TELSIKS '03", was held from 1 to 3 October 2003, at the Faculty of Electronic Engineering, University of Nis, Serbia & Montenegro (former Yugoslavia). It was organized by the Faculty of Electronic Engineering - Nis under IEEE MTT-Society, Communications Society, AP-Society and Region 8 technical co-sponsorships, and in co-operation with Yugoslavia IEEE Section, Yugoslav MTT Chapter and Yugoslav Communications Chapter. All submitted scientific and application oriented contributed papers have been reviewed by the International Review Board. On the basis of that, 150 papers have been accepted for oral or poster presentation. Besides, 28 invited keynote papers were presented. In addition, the technical program included two workshops, two round tables, an exhibition of research results and industrial products and several professional meetings and commercial presentations.

In addition, a number of Yu MTT-S Chapter members helped the preparing and participated in the national telecommunication conference "TELFOR'03", which was held in Belgrade, on November 25-27, 2003.

2. INVITED LECTURES

During this period YU MTT Chapter organized several meetings devoted to invited lectures from eminent guests:

:

- Dr Ana Vukovic from Nottingham University, UK presented an invited lecture with the title: "Advances in Optoelectronic Simulation". This meeting was held at the Faculty of Electronic Engineering in Nis, on 27. March 2003.
- A meeting devoted to the invited lecture titled "Coding of Video Signals by 3D-Transformations", presented by a young researcher from the Boston University, USA, Nikola Bozinovic, was held at the Faculty of Electronic Engineering in Nis, on 26. May 2003.
- Prof. Zorica Pantic-Tanner, Dean of UTSA College of Engineering, was an invited lecturer at the Faculty of Electronic Engineering in Nis, on 02. July 2003. The title of the lecture was: " The Experiences of University of Texas at San Antonio (UTSA) Related to the Technology Transfer from the University to the Industry".

- Dr Ferdo Ivanek, Communications Research, USA, gave an invited lecture entitled: "Broadband Wireless Access Network", at the Institute IMTEL, Belgrade, on 10. September 2003.
- Prof. Petrie Meyer, Postgraduate Coordinator, Department of Electrical and Electronic Engineering, University of Stellenbosch, South Africa, presented "Research Activities of Microwave Components Group at Department of Electrical and Electronic Engineering, University of Stellenbosch, South Africa", at the Institute IMTEL, Belgrade, on 30. September 2003.
- In the scope of a plenary session of TELSIS'03, a Plenary keynote address was given on 1. October 2003. The distinguished invited speaker was Prof. Ke Wu from Ecole Polytechnique, Montreal, Canada, and the title of his very interesting and notable lecture was: "The Substrate Integrated Circuits - A New Concept for High-Frequency Electronics and Optoelectronics".
- On 2. October 2003, Prof. Sheila Prasad from the Northeastern University, Boston, USA, has given her invited lecture entitled: "Modeling of Heterojunction Bipolar Transistors", in the scope of a workshop named "*Microwave and Optoelectronic Device Modeling*", which was held during TELSIS'03 and organized in the co-operation with YU IEEE MTT Chapter.
- The second invited lecture given on 2. October 2003 at the mentioned workshop by Prof. Trevor Benson from University of Nottingham, UK, had the title: "Optoelectronic Modeling at Nottingham".

All invited lectures were interesting and very well attended.

3. CELEBRATIONS

A celebration of 70th birthday and more of 45 years of work of Professor Aleksandar Marincic, member of Serbian Academy of Science and Art, and actual chairman of YU MTT Chapter, was held on 02 October 2003, during the conference TELSIS '03. He worked with a great success in the field of electrical engineering, especially in the field of microwave technique, applied electromagnetics, microwave and optical communications, etc.

4. JOURNALS

The journal "Microwave Review", a publication of Yugoslav MTT chapter and Yugoslav society for Microwave Theory and Technique, is one of the leading national journals in the field of electrical engineering in Serbia and Montenegro. Two special issues were published in 2003. First of them, dedicated to the Prof. Marincic's celebration mentioned above, was published in September 2003. The second special issue (December 2003) was dedicated to the international conferences TELSIS 2003 and ICEST 2003.