



# MIKROTALASNA REVIJA MICROWAVE REVIEW

<http://www.mwr.medianis.net>

**Microwave Review**  
is a publication of the  
**Serbia and Montenegro IEEE**  
**MTT-S Chapter**  
and local Society for MTT

**Editor:**

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**The journal Microwave Review covers several topics, such as:**

- **RF and microwave technique**
- **Antennas and propagation**
- **Applied electromagnetics**
- **Mobile communications**
- **New telecommunications technologies and services, etc.**

**•Microwave Review is published in English**

**•Last four years of publishing over 70% of papers come from abroad**

**We are honored that many world-known names in the field of microwave technique have contributed to the journal Microwave Review, as:**

**T. Itoh**

**L. Katehi**

**W. Hoefler**

**A. Vander Vorst**

**S. Maas**

**S. Prasad**

**T. Berceli**

**J. Zehentner**

**P. Meyer,**

**G. Kompa, etc.**

**A brief history:**

The first issue: 1994

**// YU MTT Chapter Informer //**

Editor: B. Jokanović



**YSTR****INFORMATOR JUGOSLOVENSKE IEEE MTT  
SEKCIJE****YUGOSLAV IEEE MTT CHAPTER  
INFORMER**Broj 1  
Decembar 1994.

JUBILARNI BROJ POVODOM PETOGODIŠNJICE OSNIVANJA YUMTT SEKCIJE

**5 godina**  
**5<sup>th</sup> Anniversary****U ovom broju:  
Inside...**YU MTT sekcija - aktivnosti  
u periodu 1989.-1994.  
YU MTT Chapter - activities  
in the period 1989-1994Nagrade za najbolje predavanje  
Best invited lecturer awardKonferencija "Mikrotalasi u medicini '91"  
The "Microwaves in Medicine '91"  
ConferenceDoprinos Nikole Tesle razvoju  
radija - prof. A. Marincic  
Nikola Tesla Contributions to the  
Development of Radio - Prof. A.  
MarincicNova klasa štampanih antenskih  
strukture - prof. A. Nesic  
New class of printed antenna  
structures - Prof. A. Nesic**MIKROTALASI I KOMUNIKACIJE  
MICROWAVES AND COMMUNICATIONS**

September 1997:

The journal name was changed into:

**// Microwave Review //**

**Issues:**

**1994 - 1**

**1995 - 1**

**1996 - 2**

**1997 - 2**

**1998 - 2**

**1999 - 1**

**2000 - 0**

**2001 - 3**

**2002 - 1**

**2003 - 2**

**2004 - 2**

**2005 - 2**

**2006 - 2**

**Several special issues were devoted to our  
great inventors**

**Nikola Tesla**

**Michael Idvorsky Pupin**

**and to jubilees of**

**Prof. Jovan Surutka**

**Prof. Aleksandar Marinčić**

**Prof. Aleksadar Nešić**

**YSTR**

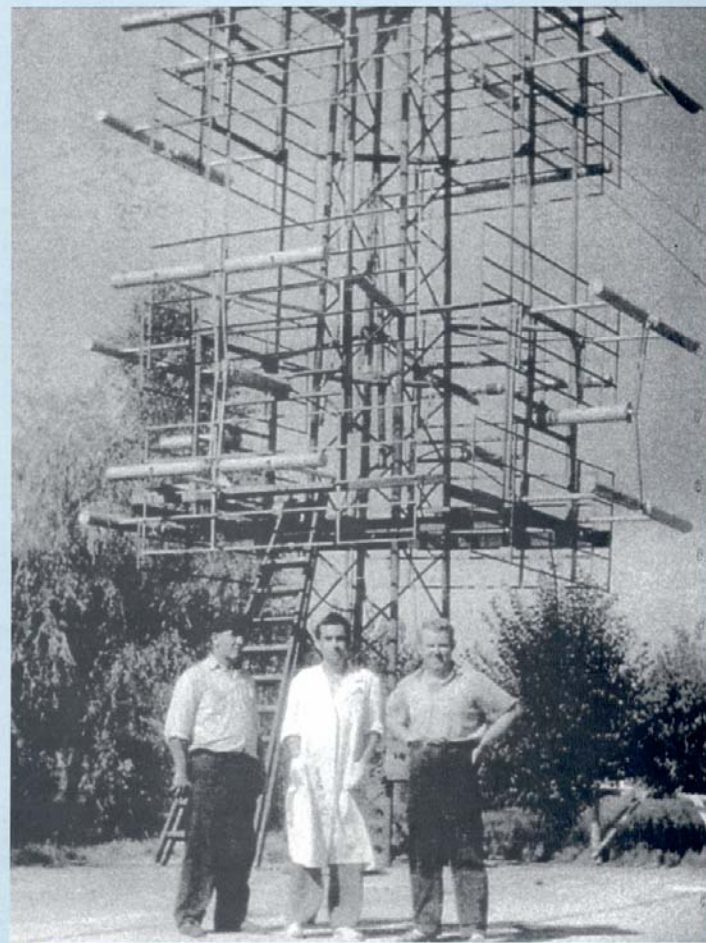
**MIKROTALASNA REVIJA**

No. 1, Vol. 7  
July 2001

**MICROWAVE REVIEW**



ISSN 1450-5835 UDK 621.3.049.77





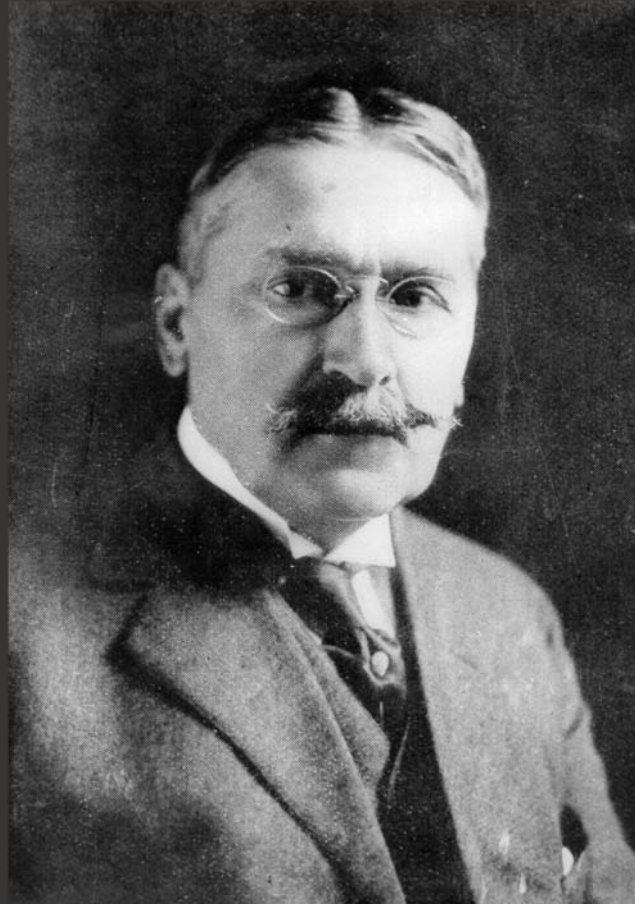
**YSTR**

**MIKROTALASNA REVIJA  
MICROWAVE REVIEW**

**IEEE**

No. 1, Vol. 11, June 2005

ISSN 14505835 UDK 621.3.049.77



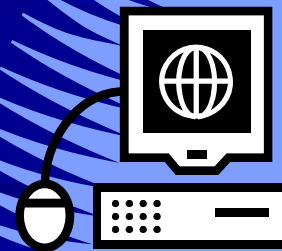
**Mihajlo Pupin**

**In addition, a number of selected papers presented at TELSIS and ICEST conferences were published in several special issues of Microwave Review**

**2005:**

- **a CD containing all papers was issued**
- **a web site was launched**

**<http://www.mwr.medianis.net>**





**Recent issues:**

**Vol. 11, No 2**  
**November 2005**

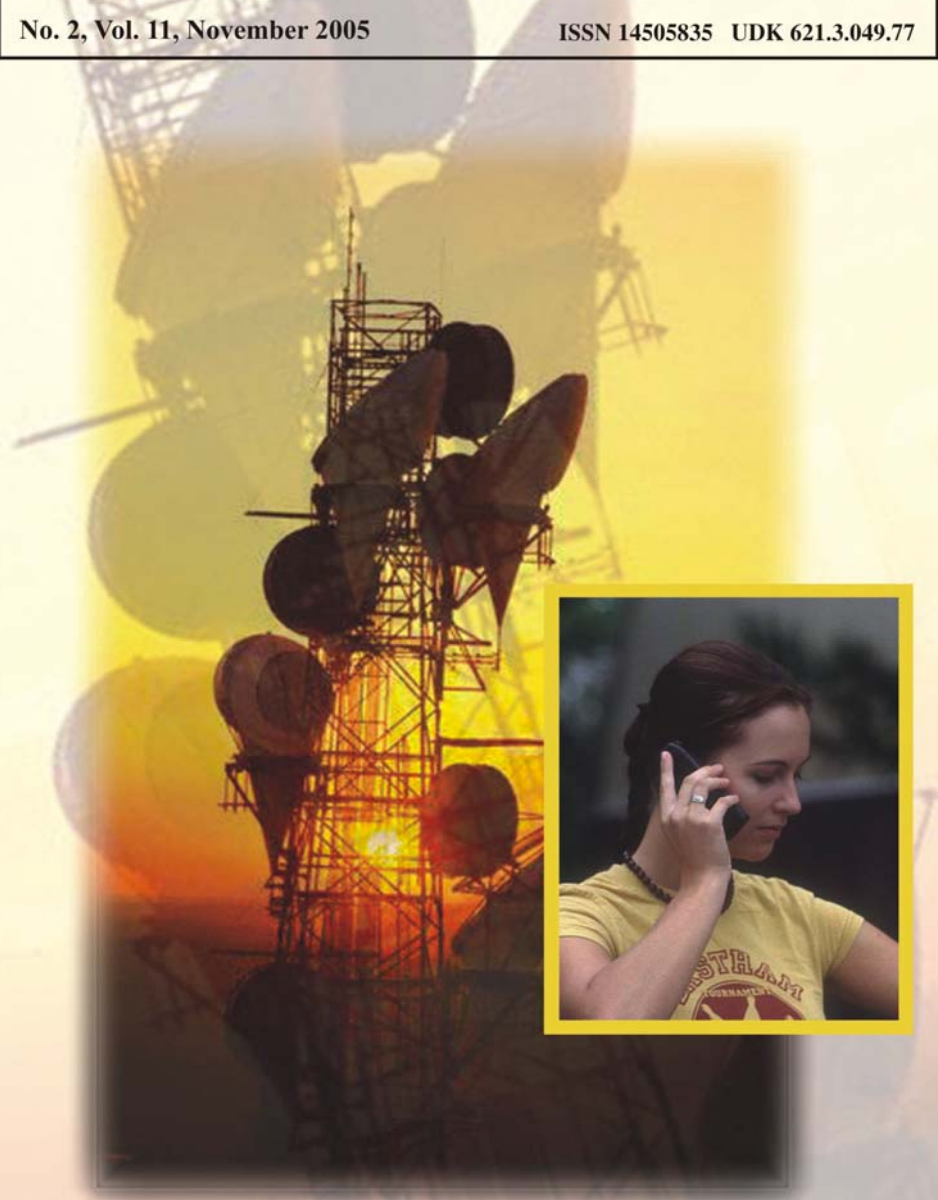
**KSTT**

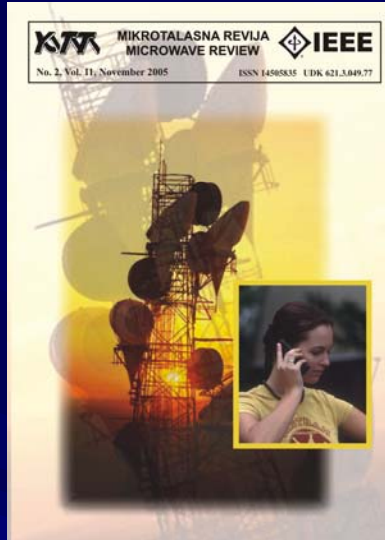
**MIKROTALASNA REVIJA  
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**There are four papers whose common theme comprises the biological effects of wireless systems**

**Microthermal and isothermal biological effects under microwave exposure**

*André Vander Vorst* , Belgium

# **Non-thermal Biological Effects of Microwaves**

**Igor Belyaev , Sweden**

# **General Material Models for Electromagnetic Field-Tissue Interaction**

***T.M.Benson et al.*, United Kingdom**

# The Results of Experimental Exposition of Mice by Mobile Telephones

*Dejan Krstić et al.* ,  
Serbia and Montenegro



**In addition, a number of papers are  
related generally to the wireless  
communications field**

# **Information Theory and Electromagnetism: Are They Related?**

*Sergey Loyka* , Canada

**Software for Interference Consideration in a  
Network of Digital Radio-Relay Systems with  
Plane Reflectors**

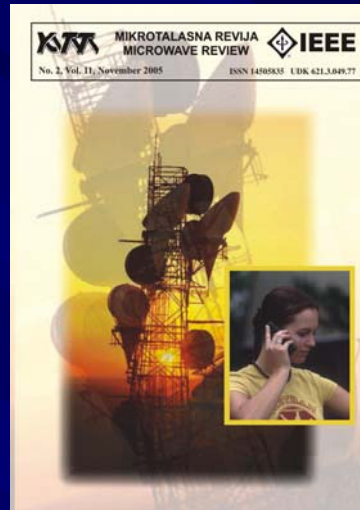
***P. Jovanović et al.***

**Serbia and Montenegro**

# **Wireless Communications Education: A Guide to Important Topics**

**Liliana Díaz Olavarrieta , Mexico.**

**The papers are followed with a report  
on Chair Chapter Meeting (CCM)  
held in Paris in October 2005,  
during the European Microwave Week.**



**A report on the conference  
TELSIKS 2005  
illustrated by photos  
is presented at the end of this issue.**

**Vol. 12, No 1**

**June 2006**

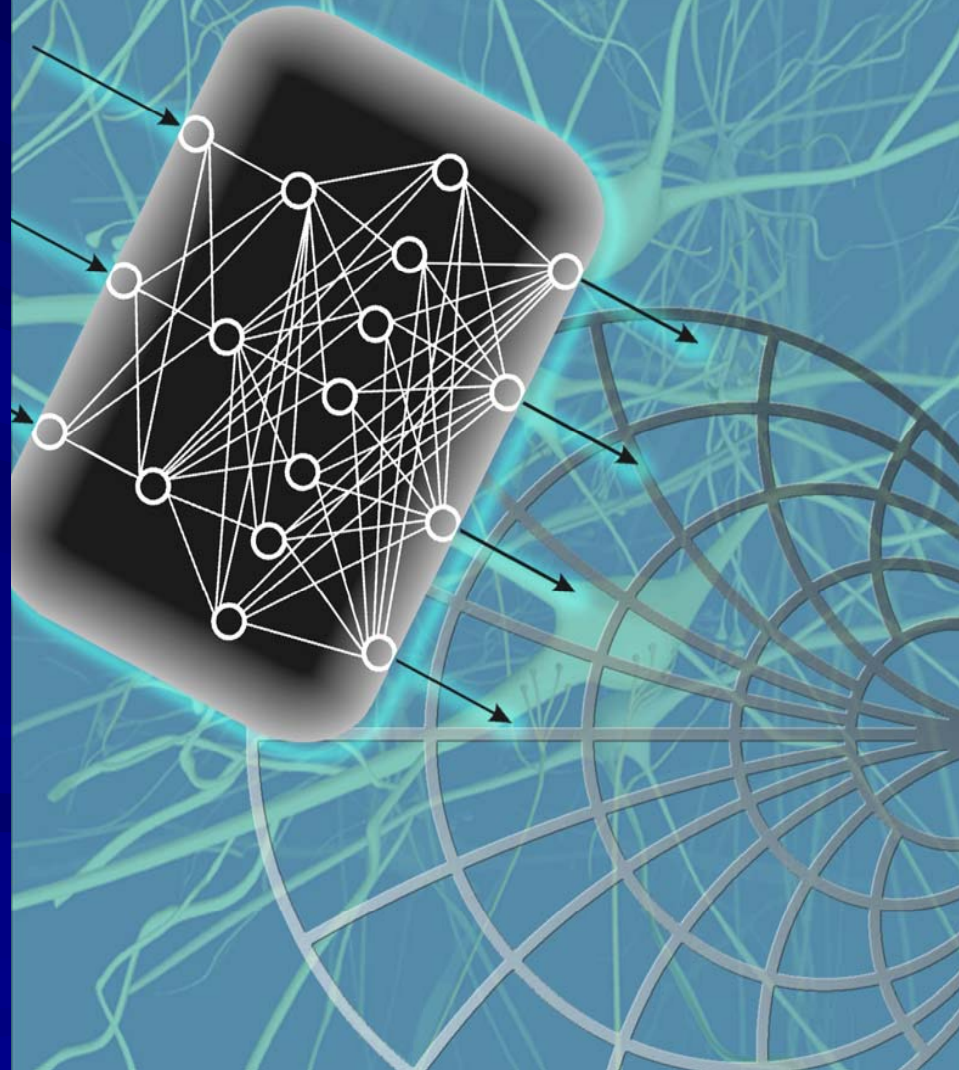
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**IEEE**

No. 1, Vol. 12, June 2006

ISSN 14505835 UDK 621.3.049.77





**June 2006:**

**There are 5 papers whose common theme comprises the application of artificial neural networks for the microwave CAD**

# **Application of Neural Networks: Enhancing Efficiency of Microwave Design**

*Z. Raida, P. Šmíd*  
*Czech Republic*

# **Artificial Neural Design of the Microstrip Antennas**

*N. Türker , F. Güneş, T. Yildirim  
Turkey*

**Power Amplifier Behavioral Modeling  
Strategies Using Neural Network and  
Memory Polynomial Models**

*E. R. Srinidhi, A. Mohamed, G. Kompa  
Germany*

**ANNs in Bias-Dependent Modeling of  
S-parameters of  
Microwave FETs and HBTs**

*Z. Marinković, A. Stošić, V. Marković,  
O. Pronić  
Serbia*

# Neural Models for Electromagnetic Field Strength Level Prediction - Application in RF Communications

*B. Milovanović, Z. Stanković,  
M. Sarevska\*, A. V. Jovanović*

*Serbia*

*\*FYR Macedonia*

Other papers:

# Negative Refractive Index Metamaterials: Principles and Applications

*Z. Jakšić, N. Dalarsson\*, M. Maksimović\*\**

*Serbia*

*\*Sweden*

*\*\*The Netherlands*



# **High Efficiency Patch Antenna for 24 GHz Anticollision Radar**

*M. Slović, B. Jokanović, B. Kolundžija*  
*Serbia*

**Additionally:**

# Report on the activities of Serbia and Monenegro MTT-S Chapter in 2005

**Call for papers:**



Many thanks to

- authors
- technical editor and members of the Editorial Board
- all people who gave the support and helped in publishing

*The prospective authores are called  
to submit the papers!*

