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
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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. Hoefer
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 //</br>
Editor: B. Jokanović
U ovom broju:
Inside...

- IU MTT sekcija - aktivnosti
- IU MTT sekcija - 10 godina
- IU MTT - 10 godina
- Konferencija "10 godina MTT sekcija"
- Uspomena Nobersu i radnici

- radnici: Prof. A. Mihailo
- Nobersi: Contributions to the Development of Radio - Prof. A. Mihailo
- Nobersi: New class of printed antennas - Prof. A. Novačič

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
Mihajlo Pupin
In addition, a number of selected papers presented at TELSIKS 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:
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 Olavarrrieta, 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.
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. Yıldırım

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:

IEEE International Symposium Nikola Tesla
Many thanks to

- authors
- technical editor and members of the Editorial Board
- all people who gave the support and helped in publishing
The prospective authors are called to submit the papers!