

SECOND ANNOUNCEMENT

**Yugoslav Biophysical Society &
School of Biology, University of Belgrade**

International Biophysics Workshop “*Academician Radoslav K. Andjus*” on Imaging in Neurosciences and Beyond

IPSI conference, Sveti Stefan (Montenegro), September 23-30, 2006.

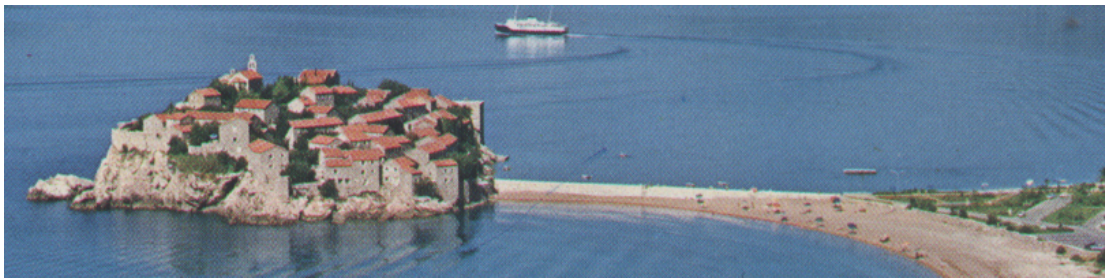
Supported by:

International Brain Research Organization

&

Republic of Serbia, Ministry of Science and Environmental Protection

VENUE: Sveti Stefan; Montenegro



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<http://internetconferences.net/montenegro2006/>

ORGANIZING COMMITTEE

Prof. Pavle R. Andjus, Chair

Prof. Goran Bačić, Vice-Chair

Prof. Vadim Maximov

Miroslav Živić; Milena Čukić

Aleksandar Bajić; Aleksandar Ignjatović.

SPEAKERS & LECTURES:

PLENARY LECTURE:

ANALYSIS OF AMINO ACID SIDE CHAIN CONFORMATIONS IN PROTEINS FROM X-RAY DIFFRACTION MEASUREMENTS USING X-CUPID

Željko Džakula (Accelerys, Inc , San Diego, USA)

MAGNETIC RESONANCE IMAGING:

IMAGING OF THE VISUAL CORTEX: OPTICAL, THERMO, 3D DIPOLE AND MRI APPROACHES

Igor Shevelev (Institute of Higher Nervous Activity & Neurophysiology, Moscow, Russia)

NMR IMAGING AND SPECTROSCOPY IN NEUROSCIENCES

Slobodan Macura (Mayo Clinic, USA)

Title to be announced

Goran Bačić (School of Physical Chemistry, University of Belgrade; SMN)

ADVANCED MICROSCOPY TECHNIQUES:

CONFOCAL MICROSCOPY FOR NEUROBIOLOGISTS

Gyorgy Vereb (Dept. of Biophysics and Cell Biology, University of Debrecen, Hungary)

CONFOCAL MICROSCOPY IN CELL PHYSIOLOGY - ANALYSIS OF CONFOCAL IMAGES

Marko Kreft (Institute of Pathophysiology, University of Ljubljana, Slovenia)

DYNAMICAL CALCIUM IMAGING

IN VIVO TWO-PHOTON IMAGING

Gian Michele Ratto (Institute of Neuroscience CNR, Pisa, Italy)

USING TOPOGRAPHIC ANALYSIS TO STUDY SYNAPTIC PLASTICITY

Galina G. Skibo (Bogomoletz Institute of Physiology, Kiev, Ukraine)

THREE-DIMENSIONAL WORLD OF SYNAPSE: ER AND MITOCHONDRIAL ORGANIZATION IN DENDRITES AND AXONS OF HIPPOCAMPAL NEURONS

Victor I. Popov (Institute of Cell Biophysics, Russ. Acad. of Sci. Moscow, Russia)

IMAGING IN ELECTROPHYSIOLOGY:

PROBING P2X ION CHANNELS WITH CONFOCAL IMAGING AND ELECTROPHYSIOLOGY

Stanko Stojilković (NIH, NICHD, Bethesda, USA)

WHAT THE FISH'S EYE TELLS THE FISH'S BRAIN ABOUT COLOUR

Vadim Maximov (Institute for Problems of Information Transmission; Russ. Acad. of Sci., Moscow, Russia)

MULTIPLE SITE OPTICAL RECORDING OF MEMBRANE POTENTIAL SIGNALS FROM THE NERVOUS SYSTEM USING VOLTAGE-SENSITIVE DYES

Dejan Zečević (Dept. of Cellular and Molecular Physiology, Yale University, School of Medicine, USA)

SQUID SENSORS, A SUCCESSFUL COMPLEMENTARY ELECTROPHYSIOLOGICAL TECHNIQUE IN IMAGING BRAIN AND NERVE ACTIVITIES

Zvonko Trontelj (Physics Dept., IMFM, University of Ljubljana, Slovenia)

ORGANIZATION OF THE WORKSHOP:

- o Lectures with hand-outs provided (it will be available on-line before the Workshop)
- o Oral presentations of selected papers
- o Panel discussions
- o Credits (ECTS) available after exam (multiple choice test based on hand-outs material)

FELLOWSHIPS (FENS criteria) will be available. Deadline **EXTENDED: July 15th**, 2006

APPLICATION: Send: name & affiliation; manuscript-1Mb with figures (facultative)

For fellowships: CV & recommendation letter

All to be sent to the above e-mail address.

REGISTRATION FEE: 200 €before **July 15th** and 250 €after this date.

PAYMENT INSTRUCTIONS:

From Serbia payment should be made in dinars (currency equivalent) to account number:
180-009187012000-66 (DRUŠTVO BIOFIZIČARA JUGOSLAVIJE)

From abroad payment should be made by bank transfer.

STANDARD SETTLEMENT INSTRUCTION:

BENEFICIARY'S BANK:

SWIFT CODE: JUBACSBG

ALPHA BANK A.D. BEOGRAD

BENEFICIARY:

IBAN: CS73180330100081400397

NAME AND ADDRESS:

DRUŠTVO BIOFIZIČARA JUGOSLAVIJE

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