Thursday, 3 March

9.30 - 10.00  Opening Remarks
Marko Markov (USA)
Sinerik Ayrapetayan (Armenia)

Session 1: Theory of Biological Effect of Extra High Power Pulses (EHPP)
Chairs: Kenneth Foster (USA), Marko Markov (USA)

10.00 - 10.45  Marko Markov (USA)
“Thermal Versus Non-thermal Mechanisms: Current Approaches in Biological Studies of EHPP”

10.45 - 11.30  Kenneth Foster (USA)
“Ultrawideband Pulses: Interaction Mechanisms in the Time Domain”

11.30 - 11.45  Coffee Break

11.45 - 12.15  Sinerik Ayrapetayan (Armenia)
“Cell bathing aqua solution as a target for non-thermal effect of EHPP”

12.15 - 12.45  General discussion

13.00 - 15.00  Lunch and City Tour

Session 2: Microwave effect on the Cells and Tissues
Chairs: Bo Sernelius (Sweden), Andrei Pakhomov (USA)

15.00 - 15.30  Bo E. Sernelius (Sweden)
Can the radiation from cellular phones have important effects on the forces between biological-tissue-components?

15.30 - 16.00  Vijayalaxmi (USA)
Overview of Cytogenet ic Studies in Mammalian Cells Exposed to Radiofrequency Radiation.

16.00 - 16.30  Coffee Break

16.30 - 17.00  Franz Adlkofer (Germany)
“Biological effects of low energy electromagnetic fields in isolated cell systems: outcome of the REFLEX study”
17.00 - 17.30  Igor Belyaev (Sweden)  
*Non-thermal Biological Effects of Microwaves: Current Knowledge, Further Perspective and Urgent Needs*

17.30 – 18.00  Pavel Šístek (Czech Republic)  
*Physical Aspects of Pulsed Microwave Absorption in Tissue*

19.00  
*Cultural program and Dinner*

**Friday, 4 March**

*Session 3: EMF-induced pathology: cancer, nervous and cardiovascular disorders*

*Chairs: Leeka Kheifets (USA), Franz Adlkofer (Germany)*

10.00 - 10.30  Leeka Kheifets (USA)  
"Epidemiologic Evidence and Risk Assessment"

10.30 - 11.00  Camelia Gabriel (UK)  
“Systematic variation in the dielectric properties of biological tissue – Effect on SAR”

11.00 - 11.30  Coffee Break

11.30 - 12.00  Jolanta Jajte (Poland)  
The effect of static or low frequency (50 Hz) magnetic fields on lymphocytes: apoptosis, necrosis and free radical processes

12.00 - 12.30  Michael Israel (Bulgaria)  
“Study of melatonin secretion in operators in radiobroadcasting and TV stations exposed to radiofrequency fields”

13.00 - 15.00  Lunch and City Tour

*Session 4: EMF therapy and diagnosis*

*Chairs: Marvin Ziskin (USA), Benik Harutyunyan (Armenia)*

15.00 - 15.30  Marko Markov, Carlton Hazlewood, Gabi Nindl, Jan Cuppen (USA)  
“Interactions between EMF and Immune System: Possible Mechanism for Pain Control”

15.30 - 16.00  Carlton Hazlewood, Marko Markov, Arthur Ericsson (USA)  
“Electromagnetic Field Therapy: a Role for Water”

16.00 - 16.30  Coffee Break

16.30 - 17.00  Marvin Ziskin (USA)  
"Physiological Mechanisms Underlying Millimeter Wave Therapy"

17.00 – 17.30  Margaret Tzaphlidou (Greece)  
“Collagen as a target for electromagnetic fields. Effects of 910-MHz”

19.00  
*Cultural program and Dinner*
Saturday, 5 March

**Session 4: EMF therapy and diagnosis (continuation)**
*Chairs: Marvin Ziskin (USA), Benik Harutyunyan (Armenia)*

10.00 - 10.30 Michel Israel (Bulgaria)
“Evaluation of the individual EMF exposure on the personnel in physiotherapy”

10.30 - 11.00 Andrei Gapeev (Russia)
“Anti-Inflammatory Effects of Low-Intensity Millimeter Waves and their Potential Application in Therapy”

11.00 - 11.30 Coffee Break

**Session 5:** The Biological Effect of Ultra short Electrical Pulses
*Chairs: Larry Anderson (USA), Nikolay Chemeris (Russia)*

11.30 - 12.00 Larry Anderson (USA)
“Current Approaches in Biological Studies of EHPP”

12.00 - 12.30 Andrei Pakhomov (USA)
“Effects of ultrashort electrical pulses in mammalian cells”

12.30 - 13.00 Nikolay Chemeris (Russia)
“The in vitro Assessment of Potential Genotoxicity of High Power Microwave Pulses”

13.00 - 14.00 Lunch

14.00 - 15.30 **POSTER SESSION**

15.30 - 16.00 Coffee Break

16.00 - 17.00 General discussion

18.00 Excursion and Dinner (Goodbye Party)