

## Scientific Fundamentals and Current Clinical Status of Neutron Capture Therapy

Satellite Symposium on BNCT at the 14<sup>th</sup> ICRR

31<sup>st</sup> August 2011, Warsaw, Poland

§

Organized by the International Society for Neutron Capture Therapy

§

Supported by the International Congress of Radiation Research

**Meeting Venue:** Room 22 (Rudniew), The Palace of Culture and Science

### Symposium Program

Chairperson: Akira Matsumura and Natalia Golnik		
Time*	Topic	Speaker
10:00 – 10:10	Introduction	Koji Ono
10:10 – 10:32	Epithermal neutron beams, present status and future developments	Yuan-Hao Liu, David Nigg
10:32 – 11:54	Radiobiological principles applied to BNCT	John Hopewell
10:54 – 11:16	Present status of boron compounds for use in BNCT - the potential advantages of their use in combination	Amanda Schwint
11:16 – 11:38	Review of BNCT studies related to treatment of GBM	Shin-Ichi Miyatake
11:38 – 12:00	Review of BNCT studies related to the treatment of Head & Neck cancer	Leena Kankaanranta

\*Except the Introduction, each talk has 18 minutes of presentation and 4 minutes for Q&A.

### Chairpersons and Speakers

Name	Affiliation	Country
Amanda Schwint	Department of Radiobiology, Constituyentes Atomic Center, National Atomic Energy Commission	Argentina
Akira Matsumura	Department of Neurosurgery, University of Tsukuba	Japan
David Nigg	Idaho National Laboratory	USA
John Hopewell	Particle Therapy Cancer Research Institute, University of Oxford	UK

Koji Ono	Radiation Oncology Research Center, Kyoto University Research Reactor Institute, Kyoto University	Japan
Leena Kankaanranta	Department of Oncology, Helsinki University Central Hospital	Finland
Natalia Golink	Institute of Precision & Biomedical Engineering Warsaw University of Technology	Poland
Shin-Ichi Miyatake	Department of Neurosurgery Osaka Medical College	Japan
Yuan-Hao Liu	Boron Neutron Capture Therapy Center, Nuclear Sci. & Tech. Development Center National Tsing Hua University	Taiwan