



# 2nd Workshop on neutrons in medicine and homeland security

## Thursday 12 September 2019

### **Boron Neutron Capture Therapy: Morning (09:55-13:15)**

time	[id] title	presenter
09:55	[7] Opening by prof. dr. hab. Mariusz Sadzikowski Vice-dean of the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University in Kraków	
10:05	[8] Polish consortium for Boron Neutron Capture Therapy and the "Neutrony H2" project at the National Centre for Nuclear Research	GRYZIŃSKI, Michał
10:30	[9] Cancer treatments by neutrons	SAUERWEIN, Wolfgang
11:00	[27] Novosibirsk Neutron Source for BNCT	TASKAEV, Sergey
11:30	Discussion session over coffee	
12:00	[4] Accelerator based BNCT in Poland?	OLKO, Paweł
12:25	[32] Boron Loaded Nucleic Acids and Their Assembly Into Functional Nanoparticles	LEŚNIKOWSKI, Zbigniew J.
12:50	[13] J-PET technology - steps towards theranostics	STĘPIEŃ, Ewa

### **Boron Neutron Capture Therapy: Afternoon (14:45-15:55)**

time	[id] title	presenter
14:45	[31] Vascular network investigation by X-ray microtomography	LESZCZYŃSKI, Bartosz
15:05	[1] GEANT4 study of a BNCT applicable neutron beam achievement from compact DD, DT neutron generators	IVANYAN, Vahagn
15:30	[37] Potential application of Y2O3 and CaF2 ceramic in medicine	KRUK, Andrzej