



## Forum on Development of Cooperation between JINR and Czech Academic and Scientific Institutions

Current Activities of Czech Junior and Postdoc Researchers at JINR

15. 09. 2015, 17.30 - 19.00, Scientist's Club

1.	Ing. Jan Smotlacha, Ph.D. BLTF, ČVUT	Electronic Properties of Graphene Nanostructures
2.	Ing. Vratislav Chudoba, Ph.D. FLNR, SLU Opava	Light Exotic Nuclei
3.	Mgr. Leo Schlattauer FLNR, UPOL	Attempt to Produce New Beam Stop Trigger for Dubna Gas-Filled Separator
4.	Bc. Antonín Opíchal FLNR, UPOL	Using CompactRIO Embedded Controllers in Experiment MASHA.
5.	Bc. Lenka Gajdošíková FLNR, UPOL	Presence of Heavy Metals in Soil Samples from Czech Republic Analysed by X-ray Fluorescence
6.	Ing. Lucie Ježková LRB, VŠCHT	Induction and Repair of DNA DSB in Human Cells Irradiated with Ionizing Radiation of Different Quality
7.	Ing. Pavel Bláha LRB, ČVUT	Study of the Induction of Mutations in Mammalian Cells after Irradiation by Heavy Ions with Different LET
8.	Ing. Lukáš Závorka, Ph.D. DLNP, ČVUT	Nuclear Waste Transmutation at Dubna
9.	Ing. Miroslav Zeman DLNP, VUT Brno	Comparison of the Experimental and Calculated Neutron Flux in Co-59 at the Spallation Target QUINTA
10.	Ing. Pavel Tichý DLNP, ČVUT	Evaluation and Simulations of Na-24, Bi-205 and Bi-206 Reaction Rates from QUINTA Irradiation by 4 GeV and 8 GeV Deuteron Beam