

A. Krivobok, Yu. Berkovich, T. Bibikova, V. Nikitin, A. Skripnikov, I. Konovalova, Studies of mutual influence of light and gravity on the model plants *Physcomitrella patens* and *Arabidopsis thaliana* in space flight conditions
K. Kalneniece et al., Response of *Lactobacillus* spp. in different physiological states to the oxidative stress induced by H₂O₂ and ionizing radiation

20:00 Welcome cocktail

Tuesday, September 17

08:00-18:30 Registration

08:00 Oral Session Room A

E. Zabelina et al., Optical characteristics of as-grown and annealed Gd₃Al₂Ga₃O₁₂:Ce crystals under electron irradiation

M. Campajola, Radiation induced defects in CMOS SPADs sensors

A Kahraman, B. Morkoc, A. Mutale, U. Gurer, E. Yilmaz, Irradiation effect on Er₂O₃/n-Si structure under high gamma dose

U. Gurer, E. Yilmaz, Co-60 Gamma radiation influences on the electrochemical, physical and electrical characteristics of rare-earth dysprosium oxide (Dy₂O₃)

R. Lök, H. Karacali, E. Yilmaz, Possible usage of the temperature sensor structure as a dosimeter

10:00 Refreshments

10:30 Invited Lectures Room A

O. Ciraj-Bjelac, Current challenges in radiation protection in medicine

A. K. Larsen, The vascular tumor microenvironment: new challenges and therapeutic targets

11:30 Oral Session Room A

V. Jurisic, M. Kostic, J. Todosijevic T. Dzopalic, Results for immunomagnetics cell separation based on different protocols and magnetic force

V. Kuplevatskiy, D. Kuplevatskay, Possibilities of MR DTI for the planning of neuro-saving operations in local prostate cancer

Đ. Milković, M. Milić, M. Gerić, M. Nodilo, M. Ranogajec-Komor, G. Gajski, Evaluation of cyto/genotoxic effects of X-rays in buccal mucosal cells in children subjected to sinus radiographs

Ö. Mermut, E. Arslan, Case Report: Synchronous breast and cervical cancer togetherness

I. Stojkovski, V. Klisarovska, V. Krstevska, B. Petreska, Prognostic value of molecular marker on disease free survival in patients with malignant glioma treated with postoperative radiotherapy and chemotherapy

S. Hausdorfer, G. Rosca, A new concept for skin rejuvenation and skin repair and acne management. Fluorescence via eosine, safran and blue light.

S. Shubeska Stratrova, D. Spasovski, Age increase and weight reduction effects on bone mineral density and content