**Франко Йозеф - Издательская деятельность за последних 5 лет**

**Публикации:**

[1] *G. G. Gulbekyan, I. A. Ivanenko, Igor Kalagin, I.V. Kolesov, O.V. Semchenkova and Jozef Franko,* Reconstruction of the U400M Cyclotron Complex: Influence of Parameters of the New U400M Electromagnet Winding on the Cyclotron Magnetic Field, // DOI: 10.1134/S1547477118070385, Physics of Particles and Nuclei Letters, 2018, Vol. 15, No. 7, pp. 823–826.

[2] *И. А. Иваненко, Г. Г. Гульбекян, Н. Ю. Казаринов, И. В. Калагин, Й. Франко,* Создание магнитной системы нового изохронного циклотрона ДЦ-140 на основе электромагнита ДЦ-72, // Письма в ЭЧАЯ. 2020. Т. 17, № 4(229). С. 463–467.

**Конференции:**

[1] *S.V. Mitrofanov, P.Yu. Apel, V. Bashevoy, V. Bekhterev, S.L. Bogomolov, O.N. Borisov, J. Franko, G.G. Gulbekyan, I.A. Ivanenko, I.V. Kalagin, N.Yu. Kazarinov, V. Mironov, V.A. Semin, V.A. Skuratov, A. Tikhomorov,* DC130: Next Step of the FLNR Accelerator Complex for Applied Science Activity, // Proceedings of Russian Particle Accelerator Conference (RUPAC XXVI), Protvino, Russia, October 1-5, 2018, poster

[2] *N. Kazarinov, G.Gulbekian, I. Ivanenko, I. Kalagin, J. Franko,* Simulation of the Axial Injection Beam Line of the Reconstructed U200 Cyclotron FLNR JINR, // Proceedings of 61st ICFA ABDW on High-Intensity and High-Brightness Hadron Beams (HB2018), Daejeon, Korea, June 17-22, 2018, pp. 319-323

[3] *N. Kazarinov, P. Apel, V. Bekhterev, S. Bogomolov, V. Bashevoy, O. Borisov, G.Gulbekian, J. Franko, I. Ivanenko, I. Kalagin, V. Mironov, S. Mitrofanov, A. Tikhomorov, V. Semin, V. Skuratov,* Conceptual Design of FLNR JINR Radiation Facility Based on DC 130 Cyclotron, // Proceedings of 61st ICFA ABDW on High-Intensity and High-Brightness Hadron Beams (HB2018), Daejeon, Korea, June 17-22, 2018, pp. 324-328

[4] *I.A. Ivanenko*†, *G.Gulbekian, I. Kalagin, N. Kazarinov, J. Franko,* The Choosing of Magnetic Structure of Isochronous Cyclotron DC-130 for Applied Researches, // Proceedings of 61st ICFA ABDW on High-Intensity and High-Brightness Hadron Beams (HB2018), Daejeon, Korea, June 17-22, 2018, pp. 446-450

[5] *S. Mitrofanov, P. Apel, V. Bashevoy, V. Bekhterev, S. Bogomolov, O. Borisov, J. Franko, B. Gikal, G. Gulbekyan, I. Ivanenko, I. Kalagin, N. Kazarinov, V. Mironov, V. Semin, V. Skuratov, A. Tikhomirov*, The DC130 Project: New Multipurpose Applied Science Facility for FLNR, // Proceedings of 14th Int. Conf. on Heavy Ion Accelerator Technology (HIAT2018), Lanzhou, China, Oct. 22-26, 2018, pp. 122-124

[6] *S. Mitrofanov, P. Apel, V. Bashevoy, V. Bekhterev, S. Bogomolov, O. Borisov, J. Franko, B. Gikal, G. Gulbekyan, I. Ivanenko, I. Kalagin, N. Kazarinov, V. Mironov, V. Semin, V. Skuratov, A. Tikhomirov*, FLNR JINR Accelerator Complex for Applied Physics Researches: State-Of-The-Art and Future, // Proceedings of 22nd Int. Conf. on Cyclotrons and their Applications (Cyclotrons2019), Cape Town, South Africa, Sept. 22-27, 2019, pp. 358-360

[7] *N.Yu. Kazarinov, G.G. Gulbekyan, I.A. Ivanenko, I.V. Kalagin,* *J. Franko,* Simulation of the Axial Injection Beam line of DC140 Cyclotron of FLNR JINR, // Proceedings of 22nd Int. Conf. on Cyclotrons and their Applications (Cyclotrons2019), Cape Town, South Africa, Sept. 22-27, 2019, pp. 66-69

[8] A. Zabanov, *J. Franko, G. Gulbekyan, I. Kalagin,* *N. Kazarinov, S. Mitrofanov, A. Sokolov, K. Verlamov, V. Zarubin*, Design and Calculation of the RF System of DC140 Cyclotron, // Proceedings of 12th Int. Particle Acc. Conf., (IPAC2021), Campinas, Brazil, May 24-28th, 2021, pp. 636-638