

Обсуждение следующих статей:

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В.А. Лазаренко (Отдел синхротронных экспериментальных станций)

2. Ion-dependent photochromism of oxadiazole containing spiropyrans. Авторы: В.А. Лазаренко. Журнал: Journal of Photochemistry and Photobiology A: Chemistry.
3. Tuning the Molecular and Cationic Affinity in a Series of Multifunctional Metal-Organic Frameworks Based on Novel Zn₁₂ Carboxylate Wheels. Авторы: В.А. Лазаренко, П.В. Дороватовский. Журнал: JACS.
4. Spin-crossover behavior of neutral iron(III) complexes with salicylaldehyde thio-, seleno- and semicarbazone ligands: experiment and theoretical analysis. Авторы: N. G. Spitsyna, M.A. Blagov, V. A. Lazarenko, L. V. Zorina, A. N. Vasiliev, V. B. Krapivin, R. D. Svetogorov O. V. Maximova, S. V. Simonov, E. B. Yagubskii. Журнал: Cryst. Growth & Design.

Р.Д. Светогоров (Отдел синхротронных экспериментальных станций)

5. Eu-Doped layered yttrium hydroxides sensitized by a series of benzenedicarboxylate and sulphobenzoate anions. Авторы: A.Yapryntsev, B.Abdusatorov, I.Yakushev, R.Svetogorov, A.Gavrikov, A. Rodina, Y. Fatyushina, A. Baranchikov, Ya.Zubavichus, V.Ivanov. Журнал: Dalton Transactions.

П.В. Конарев (Отдел синхротронных экспериментальных станций)

6. Towards a solution of the X-ray diffraction inverse tomography challenge: theory and iterative algorithm for the 3D displacement function recovery of the Coulomb-type point defect in a crystal. Авторы: F. N. Chukhovskii, P. V. Konarev, V. V. Volkov. Журнал: Acta Cryst. A

А.А.Савченко (Отделение новых ускорительных технологий)

7. Identification of particles with Lorentz factor up to 10^4 with Transition Radiation Detectors based on micro-strip silicon detectors. Авторы: J. Alozy, N. Belyaev, M. Campbell, M. Cherry, F. Dachs, S. Doronin, K. Filippov, P. Fusco, F. Gargano, E. Heijne, S. Konovalov, D. Krasnopevtsev, X. Llopart, F. Loparco, V. Mascagna, M. N. Mazziotta, H. Pernegger, D. Ponomarenko, M. Prest, D. Pyatiizbyantsev, R. Radomskii, C. Rembser, A. Romaniouk, A. A. Savchenko, D. Schaefer, E. J. Schioppa, D. Shchukin, D.Yu. Sergeeva, E. Shulga, S. Smirnov, Y. Smirnov, M. Soldani, P. Spinelli, M. Strikhanov, P. Teterin, V. Tikhomirov, A.A. Tishchenko, E. Vallazza, M. van Beuzekom, B. van der Heijden, K. Vorobev, K. Zukhov. Журнал: Nucl. Instr. and Meth. A.

8. First measurements of the spectral and angular distribution of transition radiation using a silicon pixel sensor on a Timepix3 chip. Авторы: J. Schioppa, F. Dachs, J. Alozy, N. Belyaev, M. Campbell, M. Cherry, S. Doronin, K. Filippov, P. Fusco, F. Gargano, E. Heijne, S. Konovalov, D. Krasnopevtsev, X. Llopart, F. Loparco, V. Mascagna, M. N. Mazziotta, H. Pernegger, D. Ponomarenko, M. Prest, D. Pyatiizbyantsev, R. Radomskii, C. Rembser, A. Romaniouk, E. Shulga, S. Smirnov, Y. Smirnov, M. Soldani, P. Spinelli, D. Yu Sergeeva, A. A. Savchenko, D. Schaefer, M. Strikhanov, A.A. Tishchenko, P. Teterin, V. Tikhomirov, E. Vallazza, M. van Beuzekom, B. van der Heijden, K. Vorobev, K. Zuhov. Журнал: Nucl. Instr. and Meth. A.
9. X-ray transition radiation from polypropylene radiator: experiment and Geant4. Авторы: A.A. Savchenko, A.A. Tishchenko, E.A. Shulga, A.S. Romaniouk, Yu.S. Smirnov, M.N. Strikhanov. Журнал: Physics of Atomic Nuclei.