

Booster in 2020: beam injection and circulation

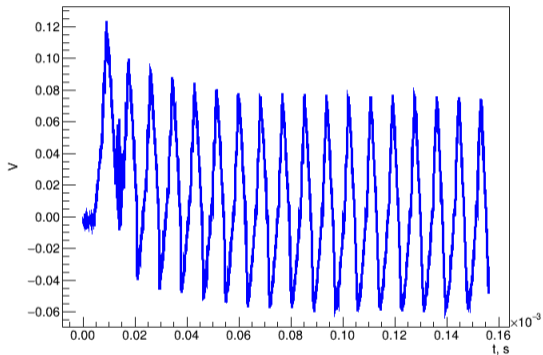
V.M. Zhabitsky

Accelerator Department, VBLHE, JINR, Dubna, Russia

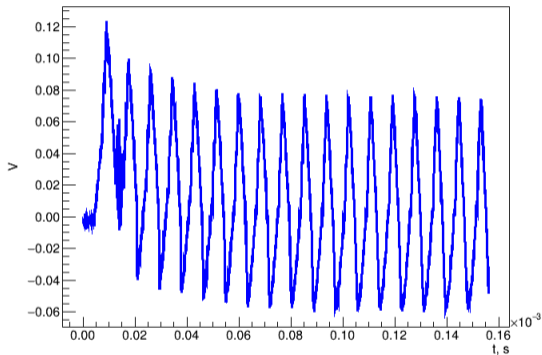
February 11, 2021

Beam injection

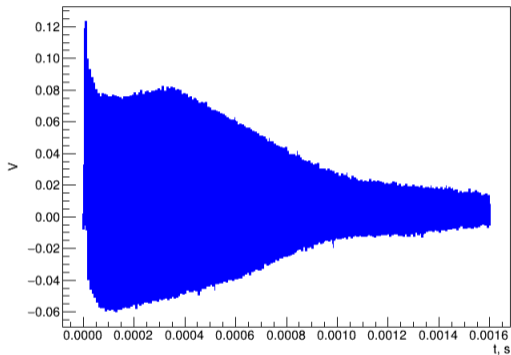
Booster: 12_24_09_15_18



Booster: 12_24_09_15_18

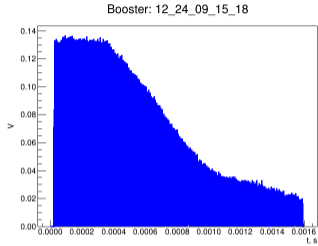


Booster: 12_24_09_15_18



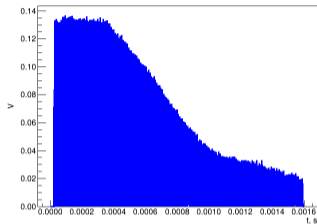
Жабицкий В.М. Методы компьютерной обработки экспериментальных данных об интенсивности сгустков в синхротронах // Письма в ЭЧАЯ. 2016. Т.13, №7 (205). С. 1294–1299.

Beam injection & circulation

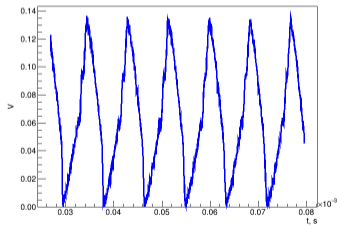


Beam injection & circulation

Booster: 12_24_09_15_18

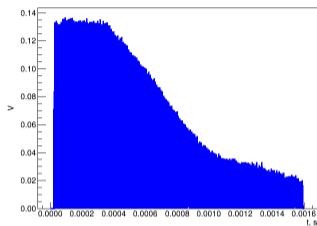


Booster: 12_24_09_15_18

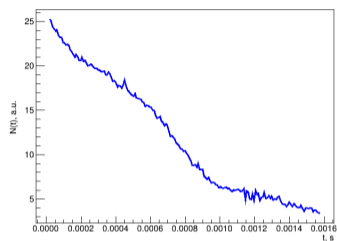


Beam injection & circulation

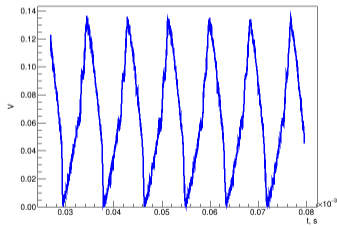
Booster: 12_24_09_15_18



Booster: 12_24_09_15_18

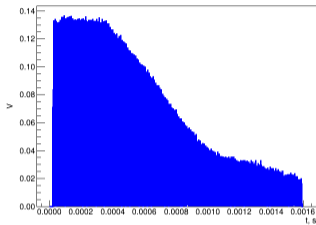


Booster: 12_24_09_15_18

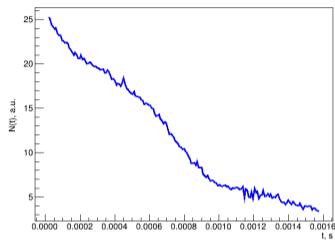


Beam injection & circulation

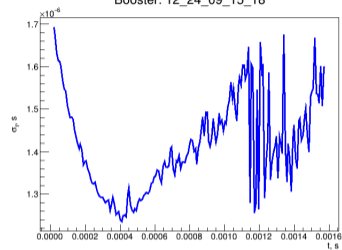
Booster: 12_24_09_15_18



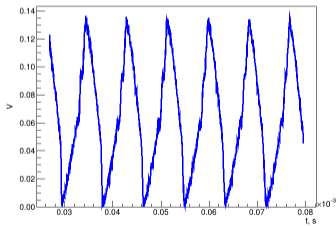
Booster: 12_24_09_15_18



Booster: 12_24_09_15_18

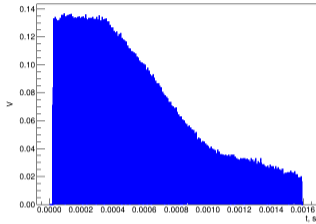


Booster: 12_24_09_15_18

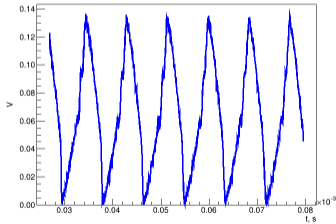


Beam circulation & 3D-technology

Booster: 12_24_09_15_18

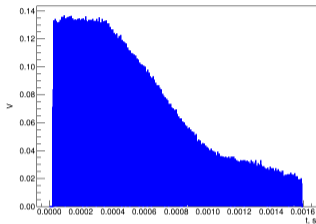


Booster: 12_24_09_15_18

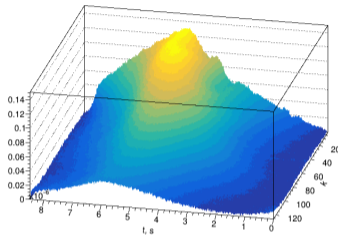


Beam circulation & 3D-technology

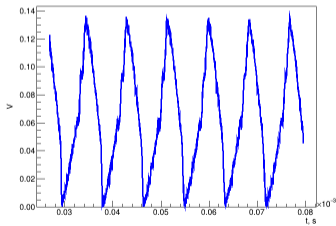
Booster: 12_24_09_15_18



Booster: 12_24_09_15_18

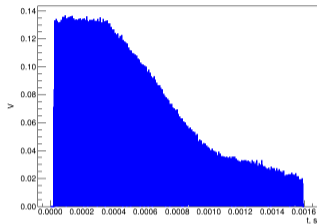


Booster: 12_24_09_15_18

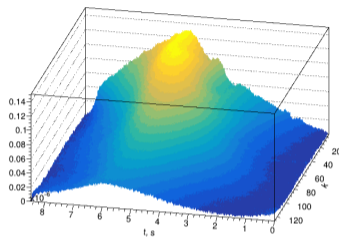


Beam circulation & 3D-technology

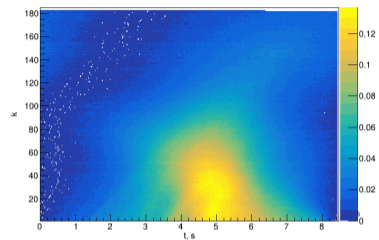
Booster: 12_24_09_15_18



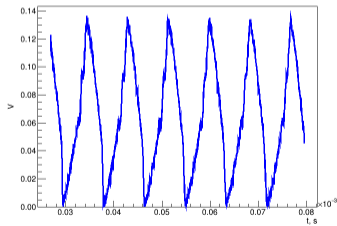
Booster: 12_24_09_15_18



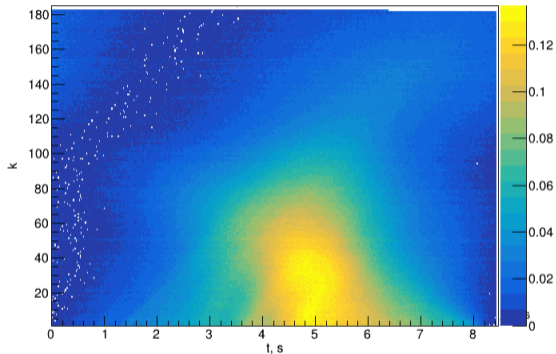
Booster: 12_24_09_15_18



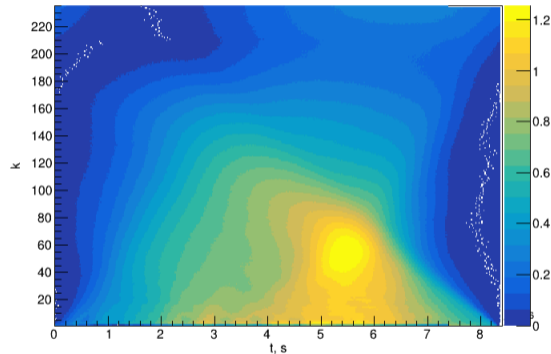
Booster: 12_24_09_15_18



Booster: 12_24_09_15_18



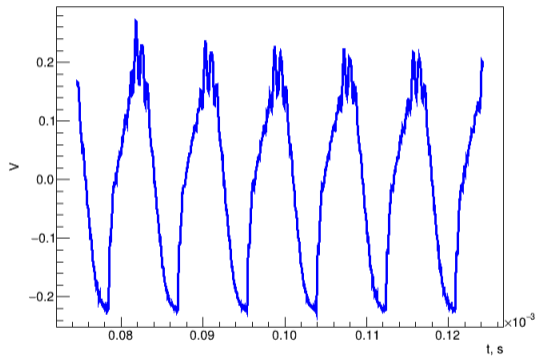
FCT



Жабицкий В.М. Компьютерная томография ионных сгустков на нуклотроне // Письма в ЭЧАЯ. 2018. Т.15, №7 (219). С. 694–702.

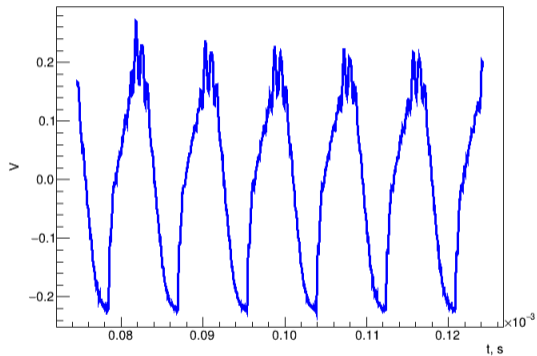
Beam injection & B-cycle

Booster: 12_27_09_59_55

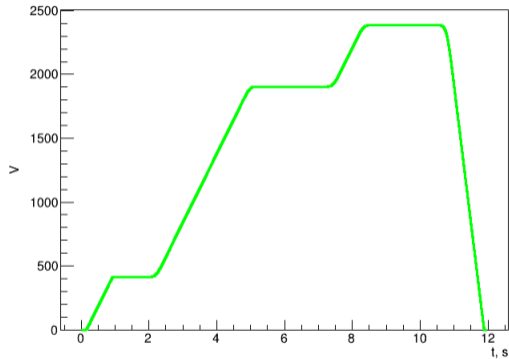


Beam injection & B-cycle

Booster: 12_27_09_59_55

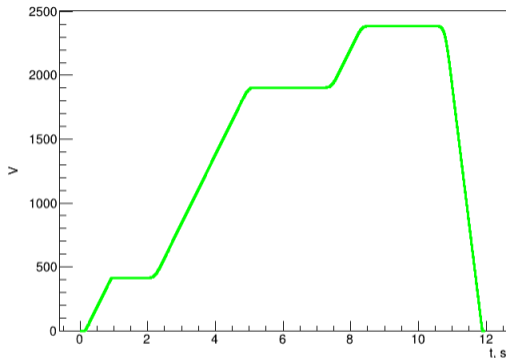


Booster: SIT_NIOSEN_17122020_00253_5

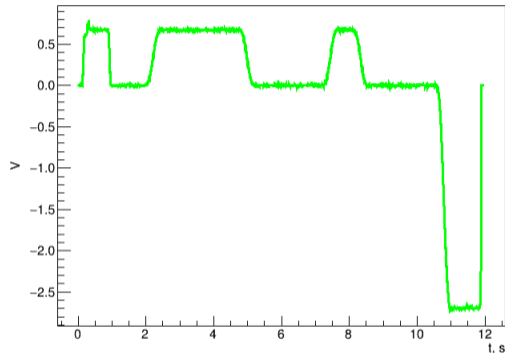


B-cycle & Savitzky–Golay method

Booster: SIT_NIOSEN_17122020_00253_5



Booster: SIT_NIOSEN_17122020_00253_5



Savitzky A., Golay M.J.E. Smoothing and Differentiation of Data by Simplified Least Squares Procedures. // Analytical Chemistry. 1964. Vol. 36 (8). Pp. 1627–1639.

Gorry P.A. General Least-Squares Smoothing and Differentiation by the Convolution (Savitzky–Golay) Method. // Analytical Chemistry. 15 March 1990. Vol. 62 (6). Pp. 570–573.