

2023 Workshop on Fixed Field Alternating Gradient Accelerators (FFA'23)

Sunday, 10 September 2023 - Friday, 15 September 2023

Jefferson Lab, Newport News, VA 23606 USA

Book of Abstracts

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Fundamental Ideas II - Session Chair: Carol Johnstone / 18

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Constant-tune Cyclotrons - Thomas Planche

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Analytic model of vertical FFAs - Max Topp-Mugglestone

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Recent activities at FLASH - Reinhard Schulte

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Design Evolution of FFA LhARA - Jaroslaw Pasternak

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CBETA as a source of gamma photons from Compton back-scattering - Kirsten Deitrick

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Design Study for RAL FETS-FFA - Shinji Machida

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Electron nodel of vFFA for Harmonytron - Kyosuke Adachi

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"Fringe" Ideas I - Session Chair: Heeju Choi / 39

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Demonstration of Beam Stacking in a Scaling FFA - David Kelliher

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Global Perspectives for the Future of FFA Accelerators - Dejan Trbojevic

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IOTA - Novel Integrable System - Sergei Nagaitsev

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Conceptual design of FFA for super heavy element production using ERIT - Yoshihiro Ishi

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