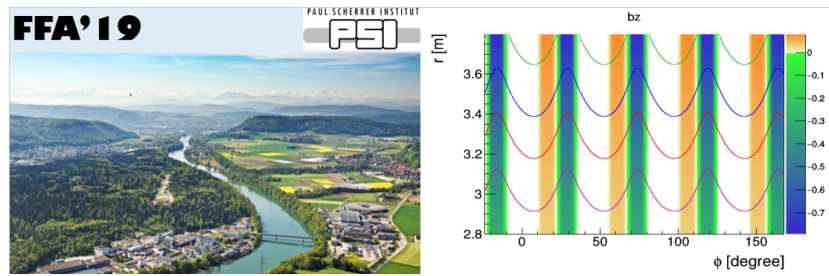


International Workshop on Fixed Field alternating gradient Accelerators (FFA'19)



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An overview of Zgoubi Workshop 2019, Boulder, CO, Aug. 26-30, 2019

Thursday, 21 November 2019 09:00 (45 minutes)

A zgoubi workshop - actually, more of a “zgoubi tutorial” - was organized in Boulder, CO, last August (<https://zgoubi-workshop.com/>), latest one in a long series which started in the early 2000s with the re-birth of FFAG science and happened to cover EMMA at Daresbury, FFAG schools, CBETA prototyping today, etc. The Boulder workshop gathered 20 attendees, who bent and sweat during four days on a number of computer simulation exercises which covered proton and electron beam and spin dynamics in rings including large electron-ion collider challenges in the matter, FFAG and ERL simulations, time-of-flight spectrometer and other magneto-electrostatic optics. This presentation gives an overview of these “ACCELERATOR” computer games held in Boulder.

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