



Contribution ID: 69

Type: not specified

Analysys of the Distribution of the Beam in Particle Accelerators

Thursday, 6 July 2017 15:45 (15 minutes)

In particle accelerator physics the problem is that we can not see what is going on inside the working machine. There are a lot of packages for modelling the behaviour of the particles in numerical or analytical way. The idea is to provide scientists with a problem-solving environment, which can not only do some numerical calculations, but show the changes of the particle distribution as a motion 3D picture.

Primary author: Ms KULABUKHOVA, Nataliia (Saint Petersburg State University)

Presenter: Ms KULABUKHOVA, Nataliia (Saint Petersburg State University)

Session Classification: Distributed and parallel computing and tools for scientific computing (II)