
MARS15 Code Overview

- Please don't delete things that other people add
- Please make sure your name is next to the question, like this [Graeme]

Introduction

- Example question [Ben]

MARS15 Code Overview

- Are there plans to add built-in field models for some commonly used particle optical elements like dipoles, quadrupoles, solenoids, including their fringe fields? [Eremey V]
 - Integration in planning [Nikolai M]
- Would spin-tracking capabilities be implemented? [Eremey V]
 - Straightforward to do, hopefully by end of this year, or early next [Nikolai M]
- One issue in using MARS may be use of MCNP models [John A]
 - Indeed, just require a local install of MCNP, so are restricted to this, but only that [Nikolai M]
- Could you comment on the export control issue, as we cannot host EC software, is it only MCNP [Mikhail K]?
 - Awaiting info from DOE, but low energy models are optional [Nikolai M]
- Is there any intent to modernize the underlying code to something like C++ [Steve B]
 - Yes, see slide 59 on general modernization of codebase, but going to complete C++ migration would need manpower [Nikolai M].
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