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New research activity "Silicon detectors modeling in RD50": goals, tasks and the first steps forward

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The new RD50 project "Silicon detectors modeling"is motivated by the numerous results on the application of the original and professional software for simulations of irradiated silicon detectors characteristics and performance. The goal of the project is establishing the common physical understanding of the approaches for the modeling and the results, and performing the comparative studies of the available tools for simulations of the silicon detectors properties.

The project will include several tasks important for the modeling and results interpretation.

1. Input data systematization;
2. Physical models for simulation of the main detector characteristics;
3. Evaluation and systematization of the results.

Please consider your participation in this RD50 new common activity.

Primary author: Dr EREMIN, Vladimir (Ioffe Physical-Technical institute of Russian Academy of Sciences)

Presenter: Dr EREMIN, Vladimir (Ioffe Physical-Technical institute of Russian Academy of Sciences)

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