

The Geant4 Geometry modeler, recent developments

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The geometry modeler is a key component of the Geant4 simulation toolkit; it combines both solids modeling and efficient navigation techniques. It provides a wide variety of tools and solutions for describing geometry setups from simple to highly complex.

The modeler constantly went through various improvements and extensions in both features provided and algorithms adopted.

We are going to highlight some of the most recent developments and review the perspectives for the near future.