

Examples & Tools

Examples

All examples with associated README files are available on [GateContrib\(https://github.com/OpenGATE/GateContrib\)](https://github.com/OpenGATE/GateContrib). Do not hesitate to provide new examples with their associated README files to the community.

GateTools

The OpenGATE collaboration propose a diversity of tools to analyse your data, please visit the [GateTools\(https://github.com/OpenGATE/GateTools\)](https://github.com/OpenGATE/GateTools) repository on GitHub to know more.

Other tools

IDRRRA

IDRRRA is a software that allows the user to design and model a DNA molecule, irradiate it with various types of radiation included in the Geant4 physics models, and then analyze the simulation outcome in terms of SSBs, DSBs, CDSs and energy deposition.

It can be downloaded here:

<https://3dmi.upatras.gr/IDRRRA/>(<https://3dmi.upatras.gr/IDRRRA/>)

PEDIATRIC PHANTOM

This is a 3D, voxelized, whole-body model of a 5 years old boy and includes 23 discrete organs/regions of interest. It can be used for both imaging and dosimetry simulations.

The phantom can be downloaded [here.](https://drive.uca.fr/f/384a08b5f73244cf9ead/?dl=1)(<https://drive.uca.fr/f/384a08b5f73244cf9ead/?dl=1>)

Twitter Thread

[Tweets by Gate](https://twitter.com/OpenGATE_MC?ref_src=twsrc%5Etfw)(https://twitter.com/OpenGATE_MC?ref_src=twsrc%5Etfw)

<https://gate.uca.fr/examples-tools>(<https://gate.uca.fr/examples-tools>)