

Table of Contents

Electromagnetic Physics.....	1
Introduction.....	1
Working Group pages.....	1
Validation and verification.....	1
Publications and presentations.....	1
Examples.....	2
Physics Lists.....	2
Models and Processes.....	2
Milestones.....	2
Release notes.....	2
Manuals.....	2
Getting help.....	2
Related links.....	2

Electromagnetic Physics

- Introduction
- Working Group pages
- Validation and verification
- Publications and presentations
- Examples
- Physics Lists
- Models and Processes
- Milestones
- Release notes
- Manuals
- Getting help
- Related links

Introduction

The electromagnetic physics domain includes Geant4 sub-packages for simulation of electromagnetic interactions of charged particles, gammas and optical photons. This is central TWiki page for Geant4 EM physics maintained by common efforts of the EM Standard and EM Low-energy working groups.

Working Group pages

- [Electromagnetic Physics Home](#)
- [Electromagnetic Standard working group page](#)
- [Electromagnetic Standard working group coordination TWiki](#)
- [Low Energy Electromagnetic working group page](#)
- [Low Energy Electromagnetic working group TWiki](#)

Validation and verification

- [Validation and verification home](#)
- [Validation and verification TWiki page](#)

Publications and presentations

- [Journal publications](#)
- [Preprints and proceedings](#)
- [Presentations by the Standard EM WG](#)
- [Presentations by the Low-energy EM WG](#)
- [Conferences lists upcoming conferences related to our activities. Collaboration member attendees is indicated.](#)

Examples

- Extended examples
- Advanced examples

Physics Lists

- Physics Lists constructors provided with Geant4 physics_list library
- Physics Lists maintained by the Low Energy EM WG

Models and Processes

- List of the Standard EM processes
- List of the Low Energy EM processes
- General model/process catalog

Milestones

- Workplan of the EM group for 2009
- Workplan of the Low Energy WG for 2009
- Planned developments for 2009 (summary for all WG)

Release notes

- Release notes for versions 7.1 to 9.6

Manuals

- Application Developer Manual
- Physics Reference Manual

Getting help

- HyperNews forum emprocesses

Related links

- Geant4 Medical Physics page

-- ChristinaZacharatou - 26 Apr 2009

This topic: Geant4 > ElectromagneticPhysics
Topic revision: r31 - 2013-01-31 - IvantchenkoV



Copyright &© 2008-2019 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
Ideas, requests, problems regarding TWiki? Send feedback