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# 50 Recent Changes in Geant4 Web

## WebStatistics

r3220 - 2022-05-28 - 00:14 TWikiAdminUser

Statistics for Geant4 Web Month: Topic views: Topic saves: File uploads: Most popular topic views: Top viewers: Top contributors...

### **AdvancedExamplesMicroelectronics**

r5 - 2021-11-30 - 13:34 DamienLambert

microelectronics M. Raine CEA, DAM, DIF F 91297 Arpajon France Introduction The microelectronics example illustrates the possibility to combine discrete and...

### **LowMuElec**

r16 - 2021-11-29 - 13:36 DamienLambert

The MicroElectronics(Si) extension for microdosimetry The Geant4 MicroElec extension of the Geant4 Monte Carlo simulation toolkit aims at modeling the effect of ionizing...

### **MacrosAndTestsReview**

r14 - 2021-09-14 - 10:36 IvanaHrivnacova

Macros and Tests Review Review items Remove irrelevant commands See See lists of commands not used in examples. Note that the lists were generated...

### **AdvancedExamplesIortTherapy**

r2 - 2021-03-11 - 15:54 FrancescoRomano

iort therapy Main Authors: F.Romano(a) Contributor Authors: S.Guatelli(b) Past Authors: G.Russo(c,d), C.Casarino, G.C. Candiano, G.A.P. Cirrone(f), G.Arnetta...

### **AdvancedExamplesOldWP**

r10 - 2021-01-27 - 02:01 SusannaGuatelli

Page moved to <https://geant4.web.cern.ch/node/1864> SusannaGuatelli 2020 02 28

### **AdvancedExamplesGorad**

r4 - 2020-12-15 - 20:50 SusannaGuatelli

GORAD The webpage has been moved to <https://geant4.web.cern.ch/node/1925>

### **AdvancedExamplesGammarayTelescope**

r2 - 2020-12-15 - 20:43 SusannaGuatelli

gammaray telescope The webpage has been moved to <https://geant4.web.cern.ch/node/1924>

### **AdvancedExamplesGammaknife**

r4 - 2020-12-15 - 20:31 SusannaGuatelli

Gammaknife The webpage has been moved to <https://geant4.web.cern.ch/node/1923>

### **FastAerosol**

r3 - 2020-12-15 - 06:38 SusannaGuatelli

fastAerosol Advanced Example the webpage has been moved to <https://geant4.web.cern.ch/node/1922> SusannaGuatelli 2020 12 15

### **Geant4AdvancedExamplesDoiPET**

r3 - 2020-12-15 - 06:31 SusannaGuatelli

DoiPET Advanced Example The page has been moved to <https://geant4.web.cern.ch/node/1921> SusannaGuatelli 2018 12 05

**AdvancedExamplesChargeExchangeMC**

r2 - 2020-12-15 - 05:59 SusannaGuatelli

ChargeExchangeMC Cexmc stands for Charge EXchange Monte Carlo. The program was used to simulate real experiments in Petersburg Nuclear Physics Institute (PNPI, Russia...

**AdvancedExamplesBrachytherapy**

r3 - 2020-12-11 - 06:37 SusannaGuatelli

Brachytherapy Advanced Example Page moved to: <https://geant4.web.cern.ch/node/1917>

**AdvancedExamplesAirShower**

r2 - 2020-12-10 - 03:18 SusannaGuatelli

air shower This web page has been moved to: <https://geant4.web.cern.ch/node/1916> SusannaGuatelli 10 December 2020

**ExtendedExamplesReviewDone**

r3 - 2020-09-16 - 12:25 IvanaHrivnacova

Extended Examples Review Done Items Physics List 2019 Explicitly defined physics lists in examples not demonstrating physics (eg. Field) See list of examples...

**ExtendedExamplesList**

r19 - 2020-09-14 - 17:43 MichelMaire

The List of Extended Examples: example owner MT ctest use externals analysis/AnaEx01 michel yes yes no analysis/AnaEx02...

**G4MSBG**

r47 - 2020-03-12 - 06:38 SusannaGuatelli

Welcome to the Twiki web page of the G4MSBG initiative: G4 Med Purpose The aim of the Geant4 Medical Physics Benchmarking Group (G4MSBG) is to develop a fully...

**LowEnergyElectromagneticPhysicsWorkingGroup**

r127 - 2019-12-30 - 14:20 SebastienIncerti

The Geant4 Low Energy Electromagnetic Physics Working Group WARNING ! This is the old official web site (2008 2017) of the Geant4 collaboration Low Energy...

**AdvancedExamplesSTCyclotron**

r3 - 2019-11-26 - 05:18 SusannaGuatelli

The Geant4 STCyclotron Advanced Example Introduction The STCyclotron example simulates the solid target of the South Australian Health and Medical Research Institute...

**AdvancedExamples**

r30 - 2019-11-21 - 03:47 SusannaGuatelli

The Geant4 Advanced Examples Working Group Please, refer to the official Geant4 web page: Examples Working Group SusannaGuatelli 21 November 2019

**Geant4MedicalPhysics**

r36 - 2019-09-10 - 06:44 SusannaGuatelli

Geant4 for medical physics applications Page currently under revision These web pages provide information about the use of Geant4 in medical physics. They are...

**G4MedPCT**

r12 - 2019-09-10 - 06:00 SusannaGuatelli

Computed tomography with proton sources Proton computed tomography (pCT) is a new, still not commercial, imaging technique based on the use of high energy (200...

**G4MedNavigationandDICOM**

r6 - 2019-09-10 - 05:56 SusannaGuatelli

Navigation and DICOM references Talks Faster Navigation for Regular Voxel Geometries, P. Arce, September 2007 Extended example in Geant4 An example of...

**G4extendedExampleDICOM**

r10 - 2019-09-10 - 05:54 SusannaGuatelli

DICOM Extended Example The DICOM application has been originally developed by the Geant4 users: Louis Archambault, Luc Beaulieu, Centre Hospitalier Universitaire...

**RadiobiologicalCalculations**

r6 - 2019-06-22 - 17:46 SusannaGuatelli

Authors: Giada Petringa, Giuseppe Antonio Pablo Cirrone, Luciano Pandola. Short description : This test calculates the main radiobiological quantities of interest...

**Mammography\_Test**

r3 - 2019-05-07 - 16:36 UnknownUser

Mammography test Main authors : Christian Fedon and Sechopoulos, Radboud university medical center, Nijmegen, The Netherlands Short description : The aim of the...

**LightIonTest**

r7 - 2019-04-23 - 02:09 SusannaGuatelli

Light ion (proton, 3He, carbon) range and depth dose curves in water Main authors : A. Cortes Giraldo, Dep. Atomic, Molecular and Nuclear Physics; Universidad...

**G4LowEFrag**

r4 - 2019-04-23 - 02:08 SusannaGuatelli

62 MeV/n C 12 fragmentation on carbon target Authors : Mancini Terracciano, Roma 1, INFN, Italy Short description : Test on the nuclear interaction models available...

**G4FragTest**

r7 - 2019-04-23 - 02:07 SusannaGuatelli

400 MeV/n C 12 Fragmentation test Main authors : Bolst and Guatelli, CMRP, University of Wollongong, Wollongong, Australia Romano, NPL, Teddington, UK...

**FragProductionCrossSection**

r7 - 2019-04-23 - 02:07 SusannaGuatelli

Title test Authors : Omachi and Toshito, Nagoya Proton Therapy Center, Nagoya, Japan Sasaki, KEK, Tsukuba, Japan Short description : The goal of this...

**NeutronYieldTest**

r5 - 2019-04-23 - 02:06 SusannaGuatelli

Neutron yield from protons interacting thick targets at 113 MeV and 256 MeV and carbon ions of 290 MeV/u interacting in water Authors : B. Faddegon and @ucsf.edu...

**ProtonBraggPeak**

r5 - 2019-04-23 - 02:06 SusannaGuatelli

Proton Bragg curves in water for 67.5 MeV protons Authors : Faddegon, Jungwook Shin and @ucsf.edu Jose Ramos M...

**Nucleus-NucleusTest**

r5 - 2019-04-23 - 02:05 SusannaGuatelli

Nucleus Nucleus hadronic inelastic cross section Authors : Sakata, Guatelli, CMRP, University of

Wollongong, Australia Simpson, Australian National University...

**G4MSBGBrachy**

r5 - 2019-04-23 - 02:04 SusannaGuatelli

Brachytherapy test Main authors : S. Guatelli, D. Cutajar, CMRP, University of Wollongong, Wollongong, Australia. Short description : The test calculates the...

**MicrodosimetryTest**

r4 - 2019-04-23 - 02:04 SusannaGuatelli

Microdosimetry test Authors : Incerti, CENBG, Bordeaux, France Kyriakou, Ioannina University, Ioannina, Greece Geant4 code : Geant4 Extended Example...

**DosePointKernel**

r7 - 2019-04-23 - 02:03 SusannaGuatelli

Dose Point Kernel test Authors : M. C. Bordage, S. Incerti, Y. Kyriakou, Y. Perrot Short description : Mono energetic electrons with kinetic energy equal to...

**G4FanoTest**

r6 - 2019-04-23 - 02:03 SusannaGuatelli

Fano Cavity test Authors : Arce, CIEMAT, Madrid, Spain Maire, LAPP, IN2P3, Annecy, France Novak, CERN, Geneva, Switzerland Short description : ...

**BremsstrahlungTest**

r5 - 2019-04-23 - 02:03 SusannaGuatelli

Test on Bremsstrahlung Main authors :B. Faddegon, J. Ramos M...

**ElectronScatteringTest**

r6 - 2019-04-23 - 02:01 SusannaGuatelli

Test on electron forward scattering from foils at 13 MeV Main authors :B. Faddegon, J. Ramos M...

**BackscatteringTest**

r7 - 2019-04-23 - 02:00 SusannaGuatelli

Low energy electron backscattering test Authors : Paolo Dondero and Mantero, SWHARD srl, Genova, Italy Ivanchenko, Tomsk State University, Tomsk, Russian...

**StoppingPowerRangeTest**

r5 - 2019-04-23 - 02:00 SusannaGuatelli

Electron Stopping Power test Author : V. Ivanchenko, Tomsk State University, Tomsk, Russian Federation Short description : the electron CSDA collision stopping...

**AttenuationTest**

r9 - 2019-04-23 - 01:59 SusannaGuatelli

Photon Attenuation coefficient test Authors : Guatelli, CMRP, University of Wollongong, Wollongong, Australia Pandola, INFN Gran Sasso, Gran Sasso, Italy...

**AdvancedExamplesHumanPhantom**

r2 - 2018-12-06 - 07:51 SusannaGuatelli

human phantom Advanced Example Current authors (since 2007): S. Guatelli, Centre For Medical Radiation Physics, University of Wollongong, Australia. Contributions...

**AdvancedExamplesDoiPET**


NEW - 2018-12-06 - 06:48 SusannaGuatelli

SusannaGuatelli 2018 12 05

Number of topics: 44

## WebChanges < Geant4 < TWiki

Show recent changes with 50, 100, 200, 500, 1000 topics, all changes

**Related topics:**  RSS feed, ATOM feed, WebNotify, site changes, site map

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This topic: Geant4 > WebChanges

Topic revision: r3 - 2006-11-15 - TWikiContributor



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