

Handouts Workshop Radiotherapy & Mathematics

Now you can download the lecture slides of the Workshop Radiotherapy & Mathematics, held on May 20th 2010.

More information in

<http://matematica.nodo.cesga.es/radiotherapy>

Handouts

Computational algorithms in radiotherapy

Manuel Salgado Fernández, Complejo Hospitalario Universitario de Vigo.

Biological optimization of radiation

therapy treatment planning – from modelling to clinical
implementation

Iuliana Dasu, Medical Radiation Physics, Stockholm University and Karolinska Institute.

Multicriteria optimization in radiation therapy

Juan Pardo Montero, School of Cancer Studies, Liverpool University and Department of Physics, Clatterbridge Centre for
Oncology.

On the use of transport equations for dose calculation and planning
optimization

Martin Frank, Dept. of Mathematics and Center for Computational Engineering Science, RWTH Aachen University.

Radiotherapy optimization methods for modulated beams in Monte Carlo treatment planning

Antonio Leal Plaza, Medical Physics, Dept. Fisiología Médica y Biofísica - Universidad de Sevilla. Hosp. Univ. Virgen
Macarena.

Contact

Óscar López Pouso

Department of Applied Mathematics. Faculty of Mathematics. University of Santiago de Compostela

15782 Santiago de Compostela, SPAIN

Tel: (+34) 981 563100 ext. 13228

Fax: (+34) 981 597054

E-mail: oscar.lopez@usc.es

M^a Teresa Sánchez Rúa

Supercomputing Center of Galicia CESGA

Av. de Vigo s/n

15705 Santiago de Compostela, SPAIN

Tel: (+34) 981 569810
Fax: (+34) 981 594616
E-mail: tsanchez@cesga.es