

# Handouts Workshop Radiotherapy & Mathematics

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

More information in

<http://mathematica.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

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