

## **Session Program**

**10-14 Feb 2014**



## **ICTR-PHE 2014**

### ***Proffered papers - Biology VI***

Centre International de Conférences de Genève (CICG)  
International Conference Centre Geneva 17, rue de Varembeé CH- 1211 Geneva 2

# Friday 14 February

10:15

## Proffered papers - Biology VI

Session | Location: Room 3 | Conveners: Norman Coleman, Kevin Prise

10:15-10:25

### **Radiobiological Considerations for Retreatment of Central Nervous System Tumours**

**Speaker**

Bleddyn Jones

**Location**

Room 3

10:25-10:35

### **Gadolinium based nanoparticles for radiosensitization of head and neck squamous cell carcinoma**

**Speaker**

Lucie Sancey

**Location**

Room 3

10:35-10:45

### **Noninvasive Imaging of Radiation-Induced Lung Inflammation with Positron Emission Tomography (PET) in a Murine Model**

**Speakers**

Jin Zhang, Ken Kang Hsin Wang

**Location**

Room 3

10:45-10:55

### **The use of 'planned overshoot' for reducing dose to healthy tissue and improve treatments robustness for scanned proton beams**

**Speaker**

Francesca Albertini

**Location**

Room 3

10:55-11:05

### **Clinical testing of an in-room imaging system for patient setup verification in particle therapy**

**Speaker**

Guido Baroni

**Location**

Room 3

11:05-11:15

### **Reduced side effects by proton microchannel radiotherapy - study in a human skin model**

**Speaker**  
Stefanie Girst

**Location**  
Room 3

11:15-11:25

**Entervision Wp4. Biological Dosimetric Phantom. Proof Of Concept Preliminary Results**

**Speaker**  
Thiago Viana Miranda Lima

**Location**  
Room 3

11:25-11:35

**A knowledge exchange case study: computational radiotherapy at Cambridge**

**Speaker**  
Michael Simmons

**Location**  
Room 3

11:35