

## 2nd BHTC workshop

Belgian Hadrontherapy Centre

### Hadrontherapy: from cell to patient

Friday May 23<sup>rd</sup>, Namur

Venue: Université de Namur, Auditorium CH11, Rue Grafe, 2, B-5000 Namur.  
At 5 minutes from the train station.

9:30 – 10:00	<b>Welcome reception</b>
10:00 – 10:30	<b>Importance of radiation biomarkers for radiotherapy</b> S. Baatout (SCK•CEN, Belgium)
10:30 – 11:00	<b>Hadrontherapy: what can low energy particle accelerators bring to the field?</b> S. Lucas (UNamur, Belgium)
11:00 – 11:45	<b>Amplification by nanonoparticles of the radiation effects of fast ions</b> S. Lacombe (Orsay, France)
11:45 – 12:30	<b>Dose Volume effects of proton irradiation in small animals</b> R. Coppes (University Medical Center Groningen, The Netherlands)
12:30 – 13:30	<b>Lunch</b>
13:30 – 14:00	<b>Cellular and molecular characterization of the effects of different beam qualities on in vitro cancer cell models</b> A. Suetens (SCK•CEN, Belgium)
14:00 – 14:30	<b>Toward computer simulation of high-LET in vitro survival curves</b> A.C. Heuskin (UNamur, Belgium)
14:30 – 15:15	<b>Proton Radiation Therapy - 20 years of clinical experience at the ICPO</b> S. Bolle (Institut Gustave Roussi, France)
15:15 – 16:00	<b>The Maastru protontherapy project</b> S. Eekers (Maastru, The Netherlands)
16:00 – 16:30	<b>Concluding remarks</b>