

# **GATE workshop - PTCOG58**

**Wednesday, 12 June 2019 - Wednesday, 12 June 2019**

## **Programme**

# Wednesday 12 June 2019

## Welcome (13:00-13:10)

## Introduction (13:10-13:30)

- Presenter: Dr MAIGNE, Lydia

## The GATE-RTion project (13:30-13:45)

- Presenter: Dr GREVILLOT, Loïc (MedAustron)

## Scanned Ion Beam Treatment Simulation Tutorial (13:45-14:00)

- Presenter: Dr BOERSMA, David

## GATE-RTion for Independent Dose Calculation (14:00-14:15)

- Presenter: Dr AITKENHEAD, Adam (Christie NHS foundation Trust (UK))

## Proton and Carbon ion dosimetry activities @ MedAustron (14:15-14:45)

- Presenter: Dr CARLINO, Antonio

## Improving the dose distributions in minibeam radiation therapy: protons vs helium ions (14:45-15:00)

- Presenter: Dr SCHNEIDER, Tim (IMNC)

## Benchmarking micro and nano dosimetry spectra and free radicals for ion beam therapy (15:00-15:15)

- Presenter: Mrs ALI, Yasmine (IPNL/LPC)

## Simulation of gamma prompts in ion beam therapy (15:15-15:30)

- Presenter: ETXEBESTE, Ane

## Open discussions (15:30-16:10)