

Programme des sessions

3-5 févr. 2026



GATE 10 Hackathon 2026 - Delft

Satellite Event: Mini Symposium on Monte Carlo simulation

mar. 3 février

09:00

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Session | Site: Holland Proton Therapy Center Huismansingel 4 2629 JH Delft

09:00 – 09:10 Introduction Mini Symposium Monte Carlo**Orateur**

Nils Krah

09:10 – 09:30 The OpenGATE collaboration: overview and update**Orateur**

Lydia Maigne

09:30 – 09:50**From particle to medical physics: Update on developments in the Geant4 Monte Carlo toolkit****Orateur**

Susanna Guatelli

09:50 – 10:10 Monte Carlo simulation in ion beam therapy at MedAustron**Orateur**

Martina Favaretto

10:10 – 10:30 Fast Monte Carlo as a support tool for proton therapy**Orateur**

Giorgio Cartecchini

10:30 – 10:50 Coffee Break**10:50 – 11:10 Precise Dose Verification in Proton Therapy via F-18****Orateur**

Marcin Balcerzyk

11:10 – 11:30 The non-Monte Carlo approach: Deterministic Boltzmann solvers**Orateur**

Danny Lathouwers

11:30 – 11:50 AI meets MC: Generative neural networks to accelerate Monte Carlo simulations**Orateur**

David Sarrut

12:10