



# MASTERCLASS

## ARTIFICIAL INTELLIGENCE, MEDICAL PHYSICS AND RADIATION ONCOLOGY Mars 18 – 19 – 20 - 21, 2024

### OBJECTIVES OF THE TRAINING:

Introducing AI vocabulary and basic concepts, Identifying putative applications of AI in medical physics (medical imaging and radiotherapy), Understanding mathematical basis of main algorithms used in machine learning and deep learning, Enforcing these tools during practical sessions on computers.



#### TARGET AUDIENCE:

Medical physicists, radiation oncologists, engineers, researchers, physicists, and students in medical physics/ radiation oncology/radiology/nuclear medicine.



**DEADLINE FOR SUBMISSION:** DECEMBER 17<sup>TH</sup> 2023



#### ORGANISATION:

Charlotte Robert  
Eric Deutsch  
Vincent Grégoire

Nikos Paragios  
David Sarrut

### INFORMATION



faiza.chaheb@gustaveroussy.fr



**FLASH & CHECK  
THE PROGRAM**



Gustave Roussy  
114, rue Édouard-Vaillant  
94805 Villejuif Cedex - France

#### Online registration :

Ecole des sciences du cancer - Artificial  
Intelligence Medical Physics & Radiation  
Oncology-2024-Application - 2024 (site.com)