



THE UNIVERSITY OF REIMS CHAMPAGNE-ARDENNE (FRANCE) AND  
PROMESS PROJECT, PRESENT

---

# AI FOR HEALTHCARE SUMMER SCHOOL

Learn, explore & transform healthcare with AI.

---

## FULL PROGRAM

Reims, June 29<sup>th</sup> - July 3<sup>rd</sup>



# PROGRAM

---

## DAY 1 - 29<sup>TH</sup> JUNE

📍 Conference Room- Pôle santé, 51 rue Cognacq Jay, Reims

**14:00 - 15:30:** Welcome and presentation of the programme objectives

- Inaugural conference 'AI in the medicine of the future: opportunities and challenges' by **Professor Vincent VUIBLET, University Professor and Hospital Practitioner at the University of Reims Champagne Ardenne (URCA) and Reims University Hospital**

**16:00 - 18:00:** Workshop: Health AI Escape Game

## DAY 2 - 30<sup>TH</sup> JUNE

📍 Conference Room- Pôle santé, 51 rue Cognacq Jay, Reims

**10:00 - 11:30:** Main Courses

- Introduction to the fundamental concepts of AI (machine learning, deep learning).
- Current applications: AI-assisted diagnosis, medical imaging, predictive medicine (case study)

**11:45 - 13:00:** Thematic Conferences

- From idea to tool: automation of mass measurement in medical imaging by **Professor Xavier DUBERNARD, University Professor and Hospital Practitioner at the University of Reims Champagne-Ardenne (URCA) and Reims University Hospital**

**13:00 - 14:00:** Lunch

**14:00 - 18:00:** Free time in Reims

## DAY 3 - 1<sup>ST</sup> JULY

📍 Conference Room- Pôle santé, 51 rue Cognacq Jay, Reims

10:00 - 11:30: Case study

- Case study: Medical data processing with AI and language elements **by Eric DE LA CLERGERIE** a researcher at INRIA in the field of **Natural Language Processing (NLP)**

11:45 - 13:00:

- Predict to Lead: Artificial Intelligence as a Driver for Anticipation and Decision-Making in Healthcare **by Doctor Patrick NADER**

13:00 - 14:30: Lunch

14:30 - 15:30: Thematic conference:

- AI-enhanced medical imaging: automatic tumour detection and image segmentation **by Professor Arnaud BEDDOK and PhD Yale School of Medecine Thibault MARIN**

15:30 - 18:00: Visit to Reims



## DAY 4 - 2<sup>ND</sup> JULY

📍 **Conference Room- Pôle santé, 51 rue Cognacq Jay, Reims**

**10:00 - 11:30:** Interdisciplinary round table

- Ethics and AI in healthcare": algorithmic biases, patient data protection (RGPD), medical liability by **Professor Vincent VUIBLET, University Professor and Hospital Practitioner at the University of Reims Champagne-Ardenne (URCA) and Reims University Hospital**

**11:45 - 13:00:** Usual Case

**13:00 - 14:30:** Lunch

**14:30 - 17:30:** Handsession: Practical workshop:

- Introduction to AI tools (Python, libraries such as TensorFlow and Scikit-learn).
- Analysis of a simple medical dataset (example: classification of diseases based on imaging).

**18:00 - 20:00:** Friendly moment

## DAY 5 - 3<sup>RD</sup> JULY

📍 **IIAS- CHU de Reims, 45 rue Cognacq Jay, Reims**

**10:00 - 11:30:** Institut de l'Intelligence Artificielle visit and Projects introduction

📍 **Paris**

Free time to Paris

## SUMMER SCHOOL PRICES

Students	1 500 €
Healthcare Public Professionnal / Researchers (Php) / Private Sector	2 300 €

