

2018

ARTIFICIAL INTELLIGENCE, IMAGING AND MULTI-OMICS IN ONCOLOGY

TUESDAY, SEPTEMBER 25, 2018

IRCAD, 1 PLACE DE L'HÔPITAL 67000 STRASBOURG, FRANCE

PROGRAM

9.45 – 10.00 h	Welcome coffee	
10.00 – 10.10 h	Welcome, introduction, outcomes from Converging day 2017	Jacques Marescaux, IHU Strasbourg Franck Dufour, ARC Foundation
10.10 – 11.05 h	Keynote lecture on Artificial Intelligence and medical imaging	Benoît Gallix McGill University
11.05 – 12.00 h	Keynote lecture on Radiomics	Philippe Lambin Maastricht University

12.00 – 13.00 h	Lunch	
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13.00 – 13.20 h	Prediction of radiation-induced side effects for personalized radiotherapy : an example for an integrative normogram	David Azria Montpellier Cancer Institute
13.20 – 13.40 h	Big data analysis in senology	Carole Mathelin Strasbourg University Hospital
13.40 – 13.55 h	AI & breast cancer detection	Olivier Clatz, Therapixel
13.55 – 14.15 h	IHU Condor Project	Alexandre Hostettler, IRCAD Nicolas Padoy, University of Strasbourg
14.15 – 14.30 h	Predicting tumor aggressiveness by genomic data analysis (TBC)	Thierry Colin, Sophia Genetics
14.30 – 14.45 h	Break	
14.45 – 15.00 h	Advanced software solutions for assisting and guiding cancer treatment by radiation therapy	Nikos Paragios, TheraPanacea
15.00 – 15.15 h	TBD	Siemens
15.15 – 15.30 h	Building a federated AI community to augment biomedical research	Simon Jégou, Owkin

15.30 – 15.45 h	Data mining from Medical Imaging in cancer patients : past and future of biobanks	Ayat Salman McGill University
15.45 – 16.30 h	Round Table: Aggregate and interpret multidimensional data for best clinical outcomes	Mod. Benoît Gallix & Philippe Lambin
16.30 – 16.45 h	Conclusion	Jacques Marescaux & Franck Dufour