

Le MONde des MATHématiques Industrielles 2022



MAY 30, 2022

8:30 - 9:00	Registration	
9:00 - 9:15	Opening Remarks	
	- AI for medical imaging -	
9:15 - 10:45	Introduction mini-course: Pr. Alejandro F Frangi Precision Imaging - from model-based imaging to image-based modelling	
10:45 - 11:00	Coffee Break	
11:00 - 11:30	Industrial Speaker: Dr. Antonia Machlouzarides-Shalit Augmented Neuroradiology: Enhancing neuroscience with AI to improve clinical interpretations of MRI images	
11:30 - 12:30	Dr. Maria A. Zuluaga The data challenges of AI for medical imaging	
12:30 - 13:30	Lunch Break	
13:30 - 14:30	Poster Session	
	- Lung cancer screening with AI -	
14:30 - 15:30	Industrial Speakers: Dr. Pierre Baudot and Dr. Benoit Huet	
15:30 - 16:00	Dr. Stephanie Lopez AI applied to lung cancer screening : LungScreenAI project	
16:00 - 16:15	Coffee Break	
16:15 - 17:00	Industrial Speaker: Dr. Remi Bernard 2D/3D image analysis and AI for dermatology and aesthetic surgery.	
17:00 - 17:30	Industrial Speaker: Dr. Mahdi Rajabizadeh AI can help in the management of snakebite	
19:30 - ~	Social Event	

MAY 31, 2022

9:00 - 10:00	-AI for medical imaging- Pr. Irina Voiculescu	
10:00 - 10:45	Pr. Hervé Delingette Some Strategies to cope with the cost of annotations in Medical Image Analysis	
10:45 - 11:00	Coffee Break	
	-Privacy and AI-	
11:00 - 11:45	Dr. Melek Önen Privacy & Security for AI	
11:45 - 12:30	Dr. Marco Lorenzi Fed-BioMed for open-source federated learning in healthcare	
12:30 - 14:00	Lunch Break	
	-Innovative methods for AI-	
14:00 - 15:00	Dr. Frédéric Precioso Why transformers are expected to be the next super neural model?	
15:00 - 15:45	Pr. Maxime Sermesant AI & Personalised Cardiac Modelling: Learning by Heart	
15:45 - 16:00	Coffee Break	
	-Companies and AI-	
16:00 - 16:45	Industrial: Dr. Etienne Loic - MedVir	
16:45 - 17:45	Company Fair	
17:45 - 18:00	Closing Remarks	