HIGHLIGHT IN IMAGING



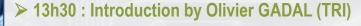
11th of DECEMBER-13h30/17h30



CBI (PAUL SABATIER / UT3 CAMPUS)



Al for Addressing Scientific Challenges



➤ 13h45 : Julien ALIGON (IRIT) Explainable AI for feature selection

➤ 14h05 : Miguel THOMAS (RESTORE)

Explainability in Machine Learning: a tool for revealing the hidden potential of single-cell RNA seq data

▶ 14h25 : Mathieu SERRURIER (IRIT)

Analysis of the Relationships between Robustness and Explainability in Deep Neural Networks »

▶ 14h45 : Brienne MCKENZIE et Kevin CORTACERO (CRCT)

Kartezio: a fully transparent Al-based approach to biomedical image analysis

> 15h05 : Break (30 min)

> 15h25 : Florian SARRON (CBI&IRIT)

Neural Networks for Cell Segmentation with Partially Annotated Data

> 15h45 : Zeyd BOUMEHDI (LAAS)

Automating an atomic force microscope with artificial intelligence tools

> 16h05 : Camilo DE LA TORRE (IRIT)

Evolution of interpretable programs for biomedical image analysis

➤ 16h25 : Jean-Philippe PRADERE (RESTORE)

EMito-Metrix, a turnkey pipeline for an automatic evaluation of mitochondria morphology across species: from TEM imaging to computed data

► 16h45 : Conclusion & cocktail

FREE REGISTRATION REQUIRED













