

## Post-Doc

### Technicolor

With more than 95 years of experience in entertainment innovation, **Technicolor** is a leading provider of production, postproduction, and distribution services. Working closely with some of the largest Hollywood studios, we offer a unique environment to design the cutting-edge video technologies that will reach homes in the years to come. At the **Rennes Research & Innovation Center**, the largest Technicolor research facility, you will join a great team of scientists and engineers dedicated to inventing, refining and sharing (publications, patents, ...) technologies that can revitalize today's entertainment business. Bring your creativity, hard work, team spirit and join us!



### Mission

Technicolor Research & Innovation seeks qualified candidates to join Imaging Science Lab as a post-doc in deep learning / machine learning applied to video coding. One of his/her main roles is to design innovative algorithms, tools and methods to improve state-of-the-art video coding with deep learning techniques.

The researcher will be in charge of following items:

- Follow-up the state-of-art of published research and standardization in the field of Deep learning and Video Coding
- Propose and investigate innovative technologies and ensure development and transfer to Technicolor BUs
- Conduct, present research activities and demonstrate results in conferences, journals and trade shows.
- Participate to the research valorization effort through invention disclosures and technology transfers, participation to tradeshow and publications in peered-review journals and prestigious conferences,
- Supervise non-permanent staff (interns).

### Profile

- Ph.D. in deep learning, machine learning and related fields.
- Background in Computer Vision and/or image processing and Deep / Machine Learning.
- Experience in software implementation: C/C++, Windows/Linux, Python, TensorFlow.
- Team spirit, enthusiastic, motivated, and creative attitude.
- Good communication skills and ability to promote activities internally and externally.
- Fluent English mandatory, French appreciated

