



Senior Scientist

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 and experimented candidates to join Imaging Science Lab as a senior scientist 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

As a senior researcher, successful applicant will:

Follow-up the state-of-art of published research and standardization in the field of Deep learning and Video Coding

Propose new research directions to feed Technicolor innovation in the field of Deep Learning

Propose 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,

Animate a team/network of researchers around the deep-learning, and supervise non-permanent staff (PhDs, post-docs or interns).

Develop collaborations, especially with academia (projects, co-supervision of PhDs).

Profile

- Ph.D. in deep learning, machine learning and related fields.
- 5+ years research experience following PhD. Industry experience is appreciated.
- Background in Computer Vision and/or image processing and Deep / Machine Learning.
- Experience in software implementation: C/C++, Windows/Linux, Python, TensorFlow.
- High scientific level associated with strong technical leadership.
- Proven track record in publications, technical innovation and problem solving.
- Team spirit, enthusiastic, motivated, and creative attitude.
- Good communication skills and ability to promote activities internally and externally.
- Fluent English mandatory, French appreciated.

The candidate shall demonstrate strong interest for advanced and applied research, external contacts/collaborations, as well as excellent communication skills.

