



Engineer

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 R&I Center in Rennes, France, is looking for a researcher in image processing, video compression and standardization. His main role will consist in the development of innovative video compression algorithms based on a scientific approach. He will have to actively participate to the external promotion and pushing of R&I technologies via contribution to standards, publications, conferences. A high scientific understanding, associated with an understanding of business constraints are required in order to execute his role in a team of Technicolor experts and in the external scientific community.

As a researcher and member of our scientific staff, the successful applicant will:

- Propose and execute research activities in the field of video compression and image processing, aiming at developing innovative solutions to compete with and improve state-of-the-art video coding solutions
- Actively contribute to the standardization organizations and projects related to video compression, in particular in ISO/MPEG Video and ITU-T/VCEG
- Investigate application of Machine/Deep Learning to video compression.
- Propose new research fields to feed R&I innovation
- Participate intensively to the promotion of this Technicolor technology (patents, standardization, papers, demos)
- Supervise interns and PhD

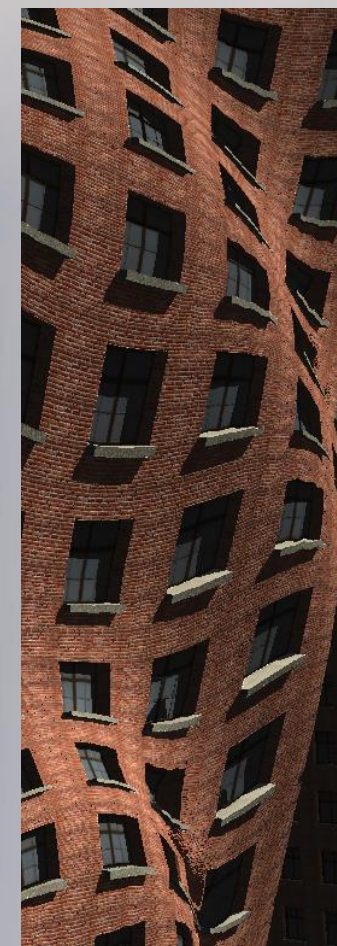
Profile

- Engineer with PhD degree having at least 3 years industry or academic experience with specific knowledge in video compression and image processing.

Knowledge/Experience in the following areas is required:

- Video processing & Video compression (H.264, H.265, JVET)
 - Patents drafting
 - Knowledge of the standardization environment in video coding (ISO MPEG, ITU-T VCEG)
 - Software development (C/C++)
 - Knowledge on machine/deep learning techniques appreciated
 - Knowledge of other multimedia technologies and standardization efforts (e.g. PCC, LightField) appreciated
- Fluent English is mandatory

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



Company / Group: Technicolor (www.technicolor.com) / Research & Innovation.

Position: unlimited

Location: Rennes, FRANCE