ROBIN COURANT

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robincourant.github.io/info

RESEARCH EXPERIENCES

P.h.D candidate — Nov 2022 - Present
Supervised by V. Kalogeiton and M. Christie, Vista team, LIX, Paris, France
The why of a filmmaker
Keywords: video understanding, multi-modalities, generative model

Research engineer — Nov 2021 - Nov 2022
Supervised by M. Christie, MimeTIC team, INRIA, Rennes, France
Evaluation of a virtual reality tool for storytelling, EU project INVICTUS
Side projects: *Automatic editing* and *camera planning style*
Keywords: computer graphics, NeRF

Research intern — Apr 2021 - Sep 2021
Supervised by V. Kalogeiton and C. Lino, GeoViC team, LIX, Paris, France
Co-supervised by M. Christie in the MimeTIC team, INRIA, Rennes, France
Understanding the movie style or what else can we learn from a movie?
Side project: *Funny moments detection in videos.*
Keywords: video understanding, multi-modalities, cinematography

EDUCATION

Master of mathematical and computational engineering, IMT Atlantique, France — Sep 2020 - Mar 2021

Bachelor of computer science, IMT Atlantique, France — Sep 2017 - Jan 2019

PUBLICATIONS

JAWS: Just A Wild Shot for Cinematic Transfer in Neural Radiance Fields — 2023
Xi Wang*, **Robin Courant***, Jinglei Shi, Eric Marchand and Marc Christie
CVPR23

Deep learning: tranformers and visual transformers (book chapter) — 2023
Robin Courant, Maika Edberg, Nicolas Dufour and Vicky Kalogeiton
Machine learning for brain disorders, Olivier Colliot, Springer

Smart Motion Trails for Animating in VR — 2022
JB Bordier, Anthony Mirabile, **Robin Courant** and Marc Christie
AIVR22

FunnyNet: Audiovisual Learning of Funny Moments in Videos — 2022
Zhi-Song Liu*, **Robin Courant*** and Vicky Kalogeiton
ACCV22 (best student paper honorable mention award)

High-Level Features for Movie Style Understanding — 2021
Robin Courant, Christophe Lino, Marc Christie, and Vicky Kalogeiton
ICCV21-W: AI for Creative Video Editing and Understanding (best paper award)

MISCELLANEOUS

Best student paper honorable mention award ACCV 2022

IP Paris PhD scholarship 2022

Best paper award ICCV-W CVEU 2021