

# ROBIN COURANT

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## RESEARCH EXPERIENCES

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### P.h.D candidate

Supervised by V. Kalogeiton and M. Christie, Vista team, LIX, Paris, France

*The why of a filmmaker*

Keywords: video understanding, multi-modalities, generative models

Nov 2022 - Present

### Research engineer

Supervised by M. Christie, MimeTIC team, INRIA, Rennes, France

*Evaluation of a virtual reality tool for storytelling*, EU project INVICTUS

Side projects: *Cinematic transfer in NeRF*

Keywords: computer graphics, NeRF, VR

Nov 2021 - Nov 2022

### Research intern

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 moment detection in videos*.

Keywords: video understanding, multi-modalities, cinematography

Apr 2021 - Sep 2021

## PUBLICATIONS

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### BluNF: Blueprint Neural Field

Robin Courant\*, Xi Wang\*, Marc Christie and Vicky Kalogeiton

ICCV23-W: AI for 3D Content Creation

2023

### JAWS: Just A Wild Shot for Cinematic Transfer in Neural Radiance Fields

Xi Wang\*, Robin Courant\*, Jinglei Shi, Eric Marchand and Marc Christie

CVPR23

2023

### Deep learning: transformers and visual transformers (book chapter)

Robin Courant, Maika Edberg, Nicolas Dufour and Vicky Kalogeiton

Machine learning for brain disorders, Olivier Colliot, Springer

2023

### Smart Motion Trails for Animating in VR

JB Bordier, Anthony Mirabile, Robin Courant and Marc Christie

AIVR22

2022

### FunnyNet: Audiovisual Learning of Funny Moments in Videos

Zhi-Song Liu\*, Robin Courant\* and Vicky Kalogeiton

ACCV22 (best student paper honorable mention award)

2022

### High-Level Features for Movie Style Understanding

Robin Courant, Christophe Lino, Marc Christie, and Vicky Kalogeiton

ICCV21-W: AI for Creative Video Editing and Understanding (best paper award)

2021

## MISCELLANEOUS

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Best student paper honorable mention award ACCV 2022

IP Paris PhD scholarship 2022

Best paper award ICCV-W CVEU 2021