

Master Thesis Proposals 2025-2026

Bruno Dumas – NADI / EXUI Team

Augmented Workforce @Deloitte

Bruno Dumas – Maxime Cauz – Thomas Kubski
Internship : Deloitte (Zaventem)

Goal : integration of XR systems in industrial fabrication chains, with a focus on the XR headset interface



Extended Reality and Kinesitherapy @Physeos

Bruno Dumas – Maxime Cauz

Internship: Physeos (Ciney)

Goal: study of the use and impact of head-worn VR systems for kinesitherapy purposes.



Tangible interaction and XR in cleanrooms

Bruno Dumas – Sean Prévôt / Theo Leclercq

Internship: computer science faculty UNamur

Goal: study of the integration of tangible interfaces in cleanrooms (e.g. spaces where drugs are created). Tangible interfaces would help the operators while they work in the cleanrooms.



Interaction multimodale dans un environnement CAVE VR à usage thérapeutique

Bruno Dumas – Maxime Cauz
Internship: InMersiv (Bruxelles)

But : étude de faisabilité et implémentation de dispositif d'interaction multimodale dans un environnement de réalité virtuelle de type CAVE déployé par la société InMersiv.



Analysis of recommender interfaces for books

Bruno Dumas – Juliette Parmentier

Internship: computer science faculty UNamur

Goal: Analysis of how big players in the book sector (babelio, goodreads etc.) integrate book recommendation for their users. Study of variants of interfaces through the implementation of focused prototypes.

