



Transferring of knowledge and technology for investigating gender-based inappropriate social interaction

META-TOO in a nutshell

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Funded by
the European Union

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101160266.



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META-TOO'S TWINNED OBJECTIVES

Research Excellence

- **Provide** to NKUA staff knowledge & skills for effective research performance
- **Elevate** the research profile of the NKUA in Metaverse research and establish it as a recognised leader in Metaverse-related research endeavours.
- Strengthen the **research management** capacity of NKUA
- Establish **sustainable research and innovation partnerships** that expand NKUA's network of collaborators.

Scientific Excellence

- **Understand** the nature and prevalence of **behaviours** perceived as inappropriate or harassing, & design inclusive **avatars**
- **Identify physiological** markers, such as facial expressions and voice changes, that signal when users perceive a behaviour as disturbing
- **Conduct experiments** and design tools to enhance user safety and agency in the Metaverse



META-TOO'S TWINNED OBJECTIVES

- REO1: Research Profile Enhancement
- REO2: Research Management Strengthening
- REO3: Support for Excellent Research
- REO4: Partnership Establishment

- SO1: Behaviour and Representation Analysis
- SO2: User Response and Biomarker Analysis
- SO3: Empirical Validation and User Empowerment

Axis I

Design and technical research, focusing on the study of harassment elements and its mitigation through exploration of the technical aspects of the virtual environment and virtual characters

Axis II

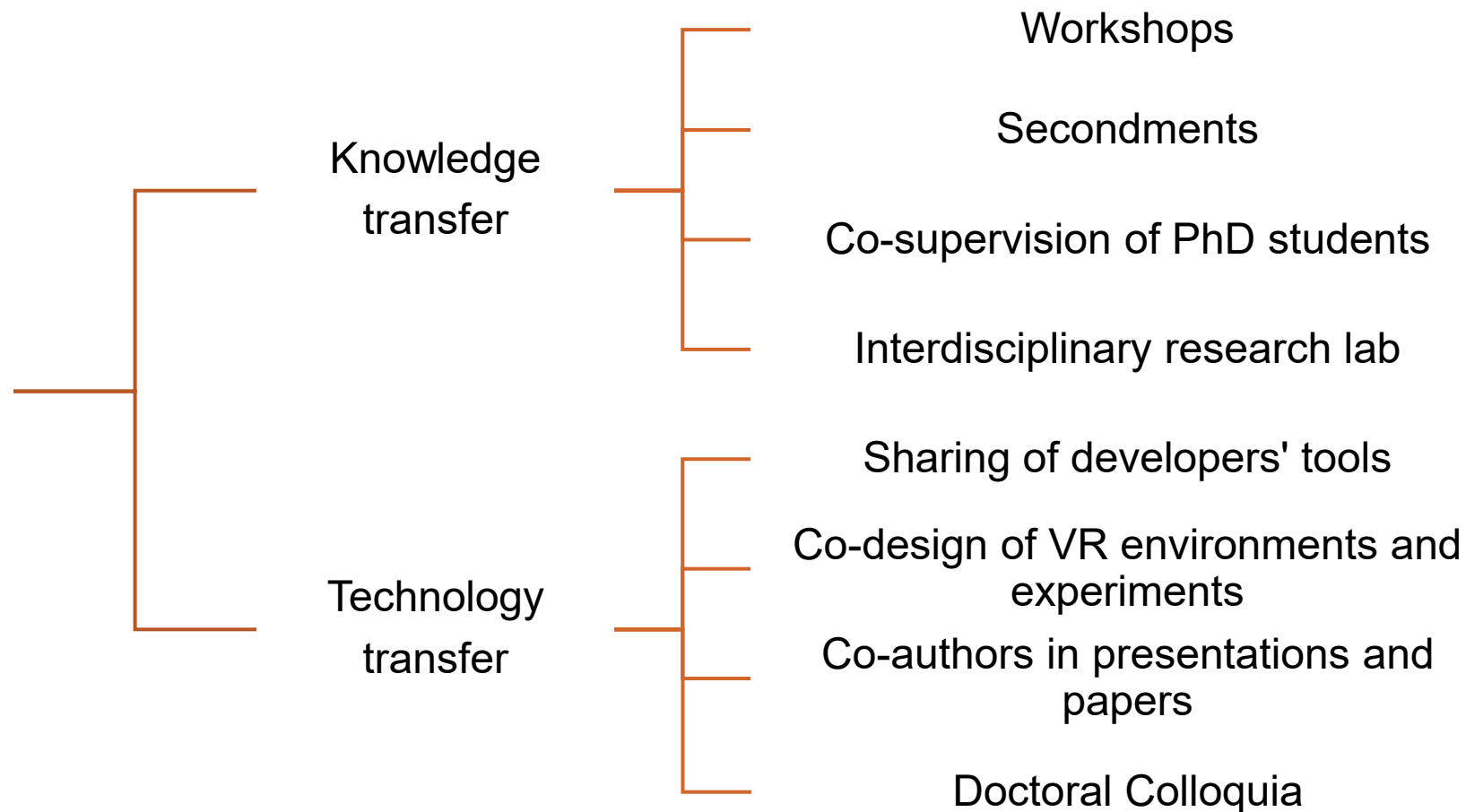
Experimental psychological studies aimed at mitigating harassment by training the user, encompassing aspects like perspective-taking and the bystander effect



RESEARCH LINES

- 1 Understand the nature and prevalence of behaviours perceived as inappropriate or harassing & design inclusive avatars
 - 2 Designing and Evaluating Interaction Techniques for Mitigating Inappropriate Behaviour
 - 3 Harassment Prevention through Empathy and Perspective-taking Enhancement
 - 4 Bystander behaviour in the Metaverse
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- 5 Harassment Prevention through empathy and perspective-taking training
 - 6 Harassment mitigation through proactive bystander behaviour in the Metaverse

SCIENCE & SCIENCE-TRAINING WORK



THANK YOU!

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