University Students’ Mathematics Learning Using Digital Tools: The Impact of Tutorial Videos
Relevance with MatRIC’s goals

• “Initiate, support and disseminate research into teaching, learning and assessing mathematics to identify, understand and evaluate effective innovation in practice.”

• MatRIC’s video network
Aims of my PhD project

• Characterize the learning environment where tutorial videos are used for teaching and learning mathematics at university level.

• Students’ experiences and interactions with these resources will be studied.

• Affordances and constraints linked with the use of videos to learn mathematical concepts.
How?

• Socio cultural framework by Vygotsky – to look at the ‘new kind’ of social interaction.
• Instrumental Approach – to look at the students’ appropriation of videos for learning mathematics
The idea is to:

- Get Informed about students’ usage of videos.
- Get ideas about integration of videos in mathematics courses.
- Explore the role of videos in learning mathematics.