

## **Epistemic topologies. Arranging for advanced knowledge articulation**

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### **Project summary**

The general goal of the project is to study learning and knowledge development within teams of professionals. Of specific interest is the introduction of new technologies which creates uncertainty of procedure and leaves the experts without precedents. The teams will be video-recorded when they carry out elaborate arrangements, theoretically couched as the establishment of epistemic topologies, in their search for new knowledge, or, when striving to converge in their ways of talking about a domain of expertise. Such arrangements include the juxtaposition of visualisation- and other technologies, and, team members with various experience. In order to extract some generic properties of the addressed phenomena, the project will analyse two separate cases from an interaction analytic approach. The two cases represent very different knowledge domains, thorax radiology and architectural design, but they share a number of structural similarities. Based on a deeper understanding of these similarities, the overall aim of the project is to develop a general model for the enhanced arrangements for learning and knowledge production. Moreover, the results from the project could add a significant contribution for the design of advanced educational activities, learning material, and guidelines, aimed at higher educational levels and specialist training.