# Lecture @ EASE Fall School on Cognition-enabled Robotics

## *A* commonsense reasoning framework for dynamic knowledge invention via conceptual combination and blending

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Commonsense reasoning is one of the main open problems in the field of Artificial Intelligence (AI) while, on the other hand, seems to be a very intuitive and default reasoning mode in humans and other animals. In this lecture, I will present the TCL reasoning framework that has been developed to address the problem of dynamic, goal-directed, knowledge invention and will show how it has been applied to different case studies and applications in the areas of cognitive robotics, cognitive architectures and computational creativity.

## References

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