

## **Explorations in dynamic artificial life: Decision making in social emotional robots**

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Social emotional robots are designed to interact with groups of persons in pursue of certain objectives in which affective elements are crucial, including accompanying old persons, supporting children with autism or providing educational services. The talk will describe key decision making strategies when designing social emotional robots covering elements from multiobjective decision making under risk, adversarial risk analysis, the evolution from cooperation to competition (and viceversa), the role and impact of affective elements, reinforcement learning and a management by exception principle. It will also describe how are we implementing them within the EMOROB CARE project.