

# Seminar

## Optimal Deployment for Mobile Robots in Constrained Scenarios

The distributed control and coordination of these groups of mobile robots are envisioned to deploy over regions, assume certain specified patterns, or jointly move in a

synchronized manner. However, these coordinated tasks are to be achieved with little available communication between different robots, no information about the global environment state, and different dynamic and operational restrictions. In this talk, we present an overview of the problem of optimal deployment for multi robot agent systems and solutions building on Lloyd's algorithm that have been studied to

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