



## Domotic House

Large experimental space reproducing the scenery of an apartment with an open roof. The environment is supplied with furniture amidst which various robots can navigate and execute daily tasks. The apartment is equipped with various sensors including a motion capture system for studying and experimenting human-robot interaction scenarios.

### Key Features

- The surface is covered with MOCAP
- Four rooms separated by walls with open roof, supplied with furniture
- Pre-installed cabling paths to enable easy deployment of sensors

### Possible Applications

- Ambient Intelligence
- Assistive and Interactive Robotics
- Personal Robotics, Robot Companion
- Human-Robot collaboration, cognitive robotics
- Service Robotics



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## Access information

<b>Corresponding infrastructure</b>	Centre national de la recherche scientifique The Department of Robotics of LAAS
<b>Location</b>	7 Avenue du Colonel Roche, 31400 Toulouse, France
<b>Unit of access</b>	Working day

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## Technical specifications

<b>Tracking Cameras</b>	CDD
<b>MOCAP</b>	Optitrack, 14 high-resolution infrared cameras
<b>Superficy</b>	120m2

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## Additional information

<https://www.laas.fr/public/en/robots-platform>