



Cluster of Excellence CoTeSys

Cognition for **Technical Systems**

in **MUNICH** = +300.000 inhabitants above 60 years old

Eric Bourguignon

CoTeSys Proposal Manager – AAL ALIAS Project Manager



Mechatronics

Microsystems

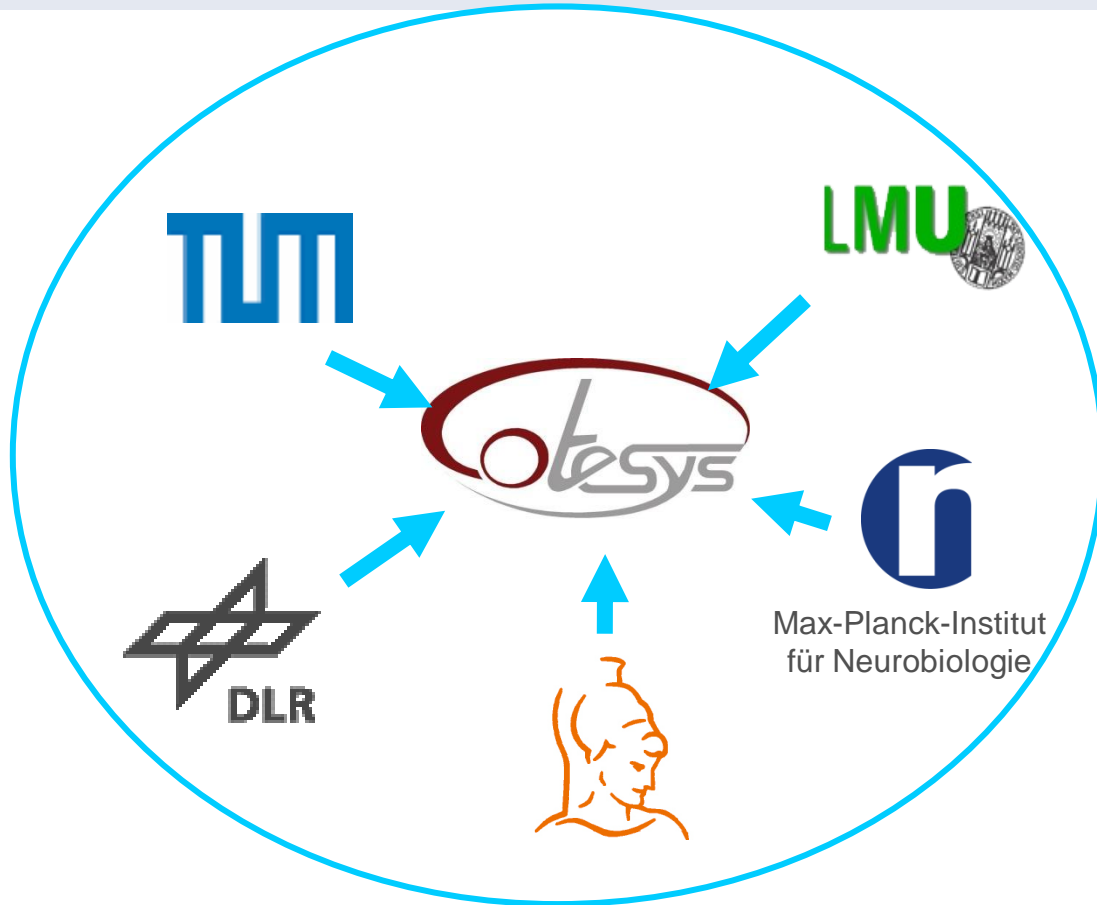
Computer
Science

Robotics

Control

Mechanical
Engineering

Process
Engineering



Mathematics

Biology

Cognitive
Sciences

Artificial
Intelligence

Brain Sciences

Clinical
Neurology

Psychology

Consortium of 3 Universities and Research Centers

ADAPTABLE AMBIENT LIVING ASSISTANT – ALIAS

Coordinator: Prof. Frank Wallhoff - (1/7/2010-30/6/2013)

Objective: "...the project ALIAS aims at the product development of a mobile robot system that interacts with elderly users, monitors and provides cognitive assistance in daily life, and promotes social inclusion by creating connections to people and events in the wider world".

<http://www.aal-alias.eu/>





How does a mobile robot find its way in an ever changing environment?

<http://www.iuro-project.eu/>

Towards a 1st AAL smart home in Munich?

- A) Improved indoor Mobility for lightly impaired elderly
 - Smart Appartement
 - Improved cognition with training
- B) Improved outdoor mobility with robots
 - Looking for European SMEs and end-users who wish to integrate their new mobility devices into an apartment packed with sensors. Mobility scenarios to be defined in common.
 - Depending on the project momentum we can be coordinator or partner.

Looking for excellent academic partners, with AAL experience, with contacts to end-user organisations and AAL SMEs?



eric.bourguignon@tum.de

+49 89 289 25731

= Quick help to identify best AAL research teams in CoTeSys.

Excellence in co-writing in EU projects and management, collective successes.