

COGNITIVE ANALYSIS OF SCENES

4 ECTS Seminar for Master Informatik

First Meeting: Thursday 4th April 9.00h
Room 0.41 at Cartesium

Open Agreement on day and time of the sessions



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COGNITIVE ANALYSIS OF SCENES

Computer Vision



Object detection,
Segmentation,
etc. using
OpenCV

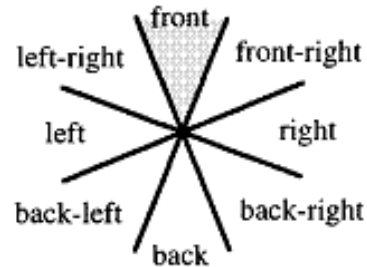


Learning to
program new
devices



KINECT
for XBOX360

Qualitative Reasoning



Cognitive Perception



High-Level Descriptions

At that point you will see...

*two grey doors and a fire extinguisher.
The fire extinguisher is on the **left**.
The door **next to** the fire extinguisher has a sign **on** it. The door on the **right**...*

...is the entrance.



COGNITIVE ANALYSIS OF SCENES

Methodology

- Part I → Learning the fundamentals (4 Sessions)
- Part II → Projects in groups of 2 or 3 students (6 Sessions)
Guided, negotiable, theoretical and/or practical projects

Evaluation

- Session Attendance (10%)
- Helping your classmates (10%)
- Progress in the project (40%)
- Oral presentation (20%)
- Written report (20%)

Get a **student job**
for collaborating in a
project in July 2013

Attend the SFB/TR 8
Colloquia on Spatial
Cognition and get
certificates for your CV