

COGNITIVE VISION

ON DEEP SEMANTICS FOR EXPLAINABLE VISUOSPATIAL COMPUTING

[www.codesign-lab.org/cognitive-vision]



Zoom Meeting Link / <https://oru-se.zoom.us/j/63331070718?pwd=S3FodnRoWldEWWxWOC9qTEo5Y2wyUT09>

Alternately, **TinyURL** (also links to the above Zoom) / <https://tinyurl.com/cognitive-vision-ecai20>

Meeting ID: 633 3107 0718

Passcode: 902104

If you are unable to join via an internet connection, and would like to connect instead using a phone, please contact the tutorial organisers to obtain dial-in details:
[mehul.bhatt AT oru.se](mailto:mehul.bhatt@oru.se) / [jsuchan AT uni-bremen.de](mailto:jsuchan@uni-bremen.de)

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The tutorial on cognitive vision addresses computational vision and perception at the interface of language, logic, cognition, and artificial intelligence. With a focus on explainable visual sensemaking of dynamic visuospatial imagery, the tutorial demonstrates the integration of methods from AI and Vision with a focus on (combining) declarative reasoning & learning about space, action, motion, and interaction. The tutorial is presented in the applied backdrop of areas as diverse as autonomous driving, cognitive robotics, design (for visual art, architecture, visuoauditory digital media), and behavioural visual perception research in cognitive psychology. The tutorial positions an emerging line of interdisciplinary research bringing together AI, Vision, Psychology, and Design Science.

JOINING INSTRUCTIONS ON TUTORIAL WEBSITE