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Otwarte Seminarium badawczo-rozwojowe EIS

Studying the mind with computing technology: eyetracking and SOAR

Abstract: In this talk I will explore how methods and technologies from advanced computing can drive testable hypotheses. I will use two examples: SOAR and eyetracking, to demonstrate fruitful interaction between computer science, psychology, and philosophy in or attempts to understand some of the most pressing and difficult aspect of mind. Eyetracking depends on sophisticated algorithms and sensors to measure the direction and duration of gaze. SOAR, on the other hand, gives us the ability to model sophisticated reasoning patterns.

Dr. Michał Klincewicz
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środa, 4 III 2015
godz. 14:00
sala 429 C2, AGH



Dr. Michał Klincewicz is an American philosopher of mind and a cognitive scientist. He is currently a post-doctoral researcher in the Berlin School of Mind and Brain, Humboldt-Universität zu Berlin. He finished his Ph.D. in the Graduate Center of the City University of New York, under advisement from David M. Rosenthal, writing on the unity of consciousness over time. His current research interests engage all aspects of mental time, including time perception, memory, and the conscious experience of duration and change. On his view, scientifically informed philosophy will soon be able to answer some of the deepest questions we currently have about the nature of temporal experience and perhaps also shed light on the relationship between mental time and physical time. A distinct line of Klincewicz's research concerns the development and deployment of autonomous weapon systems. Such systems present unique moral problems, but also technical challenges that can be overcome only by interdisciplinary work in cognitive science.

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