

Kognitywistyczne Seminarium Metodologiczne

Czwartek, 17 stycznia, g. 17:00, Instytut Psychologii UJ, Ingardena 6, s. 2.15

referuje

dr hab. inż. Grzegorz J. Nalepa, prof. AGH

(AGH/Zakład Kognitywistyki IF UJ)

AI: Technological Opportunities and Methodological Challenges

In this talk we will address selected methodological issues related to the design of intelligent systems. We will discuss different approaches to the building of "AI" and how such systems are embedded in their environment. Furthermore, we will present the perspective of the explainable AI systems (XAI). Finally, we will mention number of so-called "ethical" issues, and how AI ethics can be misunderstood.

Bio: **Grzegorz J. Nalepa** is an engineer with degrees in computer science - artificial intelligence, and philosophy. He has been working in the area of intelligent systems and knowledge engineering for over 15 years. He formulated the eXtended Tabular Trees rule representation method, as well as the Semantic Knowledge Engineering approach.

He authored a book "Modeling with Rules using Semantic Knowledge Engineering" (Springer 2018), and co-edited a book "Synergies Between Knowledge Engineering and Software Engineering" (Springer 2018). He co-authored over 150 research papers in international conferences and journals.

He coordinates GEIST - Group for Engineering of Intelligent Systems and Technologies (<http://GEIST.re>), and cooperates with AGH University and Jagiellonian University.

He is a member of Polish Artificial Intelligence Society (PSSI), IEEE, Italian Artificial Intelligence Society (AI*IA) and KES. His recent interests include context-aware systems, affective computing and explainable AI. Recently he organised two editions of the AfCAI workshop in Murcia (2016) and Valencia (2018).