

Pavel Surynek

Artificial Intelligence and Computer Driven Society

Abstract of the talk

Many aspects of our everyday lives are increasingly affected by techniques of artificial intelligence (AI). AI is becoming so ubiquitous that we are often unaware of its presence – AI recommends us new books in on-line book stores, helps us to navigate our cars, takes care of soft landing in modern airplanes, or even plays with us or against us in computer games. All these applications of AI in modern society are undoubtedly positive and enrich our lives. But there are also threats imposed by AI that the society should be aware of. Sophisticated techniques such as automated face recognition can deprive us of our privacy. The information processing technology integrated in social networks is able to deluge us with pointless perceptions just to draw our attention which wastes our time and causes mass idleness especially in the young generation. Replacing jobs with an automated technology equipped with AI may cause unemployment in all the productive ages and frustration of consumers on the other hand. As every technology, AI can be used to improve as well as to impoverish individual's life. Therefore it is always necessary to think about technology from many points of view and to make smart decisions on the individual level as well as on the level of private and public institutions.

Pavel Surynek | Short Biography



Pavel Surynek is an assistant professor at Charles University Prague, Czech Republic. He holds a Ph.D. in artificial intelligence and a master's in theoretical computer science from Charles University Prague. He is responsible for teaching courses related to artificial intelligence. His main research interests include domain-dependent planning, constraint satisfaction, and propositional satisfiability. Currently he is completing his post-doctoral fellowship at Kobe University, Japan.

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