Keynote Speaker

Lessons Learned from Developing Intelligent Systems

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Abstract

Technology is entering into the age of intelligent systems. The next era of computing will include machines communicating with machines to not only assist the users in storing and processing information, but also implement traditionally human functions of analyzing real-world data and creating a better user experience, to make our life more enjoyable, effective and efficient. Developing such systems however is not trivial and deals with several challenges. In this talk we will discuss lessons made from building several intelligent systems, such user-aware display and TV systems, network-based face recognition systems, intelligent systems for assisting home caregivers of dementia patients, etc. We identify problems and challenges, which software and hardware designers can face and present possible solutions. New opportunities in the field of intelligent system design will be also outlined.