

## **Developing The Next Generation Intelligent Vision Software**

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Intelligent Vision Software are present everywhere in our Society from street surveillance cameras to airport e-gates, from drones to autonomous underwater vehicles, from m-health services to Facebook apps. Behind the scenes, these new software, including social media data, cybersecurity systems, or autonomous agents, require Artificial Intelligence (AI) methods in order to process vast amounts of complex data, and especially visual data such as images, videos, etc. in a computationally efficient, ethical, and dependable way. This talk aims to explain the 'why' and 'how' to produce quality, new-generation intelligent vision software to be deployed in real-time and in real-world, constrained and unconstrained environments.