Message from the Industrial Chair

Welcome to the First Industrial Surveillance Day (ISD 2011) organized by AIT Austrian Institute of Technology and hosted by the Eight IEEE International Conference on Advanced Video and Signal-Based Surveillance (AVSS 2011).

Why organizing a new event in video surveillance? We believe that technology platforms that gather industry, academia, public authorities and end users are essential to drive market development in video surveillance applications. Well established scientific symposia such as the AVSS conference and the Visual Surveillance workshop series exist and industrial exhibitions such as IFSEC, ISC West and the VISION attract dozens of vision companies and hundreds of end users each year. These conferences and these exhibitions, however, currently coexist with loose contact. The intention of the ISD is exactly to build bridges among the academic, the governmental and the industrial world.

Effective exchange of scientific and technological knowledge as well as the exchange of knowledge concerning market demand will foster commercial solutions based on video and computational intelligence, still a very underdeveloped market. Vision solutions unable to match the big expectations of customers caused stagnation, but many companies and end users have been starting to realize the complexity of the cognitive aspects of Computer Vision technology in addition to the complexity of the design and the engineering aspects. Such lead companies and lead users are now looking for new partnerships where this new symposium will help.

Our program accommodates this aim. We finally accepted 15 submissions in the form of extended abstracts from international companies and consortia for a demo session. The spectrum of companies ranges from SMEs to multinational companies clearly showing the appeal of the ISD. Applications are diverse such as traffic monitoring, human surveillance, UAVs, benchmarking, new sensor technologies and system integration, which shows the potential of the whole market. We are thankful to IMGS-TA1 – a group of stakeholders within the surveillance field – to organize their regular meeting along with the ISD. This will allow all participants to establish new contacts. We are also thankful to the excellent invited speakers who report the newest developments in important areas such as border control, robust video analytics and traffic monitoring. A panel discussion about questionable discrepancies between industrial and user perspectives completes our program.

Last but not least, I would like to thank Bernhard Rinner, Markus Quaritsch, Carlo Regazzoni, Andrea Cavallaro, Claudio Picarielli (AVSS organization committee), Stéphane Clauss (Sony Europe), Michael Mürling, Markus Clabian and Clerk Caesire-Asto (AIT Austrian Institute of Technology) for their great support in planning and managing the symposium. Thank you!

Industrial Chair: Roman Pflugfelder