



International Conference on Advanced Technologies, Signal & Image Processing



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http://www.atms-researchgroup.com/atsip_2017.php

Call For Special Session Proposals

<p>Special Session Chair(s):</p> <ul style="list-style-type: none">• Fakhreddine Ababsa , University of Evry, France• Cyrille Migniot, University of Bourgogne, France• Farid Melgani, University of Trento, Italy• Ibrahima Faye, University of Petronas, Malaysia	<p>Title: 3D Human Tracking and Activity Recognition</p> <p>Aims & topics: Tracking and understanding the behavior of human is an important and challenging problem. It has applications in many scientific areas as human-computer interaction, user interface, robotics, surveillance, virtual reality, etc. Human tracking are generally implemented through vision-based techniques and multisensor fused strategies. In recent years, RGB-D cameras such as Microsoft Kinect have been widely used and were proven to be extremely successful for human tracking and activity recognition.</p> <p>The aim of this special session is to explore recent advances and applications of human tracking and activity recognition, using computer vision and machine learning techniques. Topics of interests include, but are not limited to:</p> <ul style="list-style-type: none">• 3D human pose tracking (face, body, gesture)• Human System Interaction• Activity recognition and behaviour analysis• Video surveillance• Medical application• Smart environments : house, urban, car, etc.• Virtual reality environment• Video games interfacing• Factory of the future <p>Email(s):</p> <ul style="list-style-type: none">• fakhreddine.ababsa@univ-evry.fr
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