Editorial

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Biographical notes: Carmen De Maio graduated and received her PhD in Computer Sciences, both from the University of Salerno, Italy, in 2007 and 2011, respectively. From 2007 until now, she collaborates to several research initiatives mainly focused on the application of computational intelligence methods. She has many publications in fuzzy decision making, knowledge extraction and management, situation and context awareness, semantic information retrieval. Recently, she is working in the field of time-aware knowledge extraction and context-aware decision support systems. In 2014, she is an Assistant Professor at Department of Information Engineering, Electrical Engineering and Applied Mathematics from the University of Salerno.

Welcome to this special issue of *IJICA*. This issue contains a collection of the best papers out of various authors who have been submitted to this issue. The main goal for this issue is to collect recent advances in social media data stream analysis for extracting knowledge embedded in shared media (text, images, and video) for qualitative filtering, correlating, aggregating, summarising, and turning data into usable understandable and actionable knowledge.

The authors of the first paper concerns three particular issues in the organisation and treatment of policedata over publicly available facilities, regarding the effectiveness of privacy preserving practices throughout the publication process on social networks.

In the second paper, the authors discuss a model dealing with the viral infection and the treatment of Ebola, considering the intertemporal social optimisation problem of minimising the present value of the costs incurred from both disease and treatment.

The third paper presents a genetic annealing algorithm to solve a multi-objective optimisation problem and find the best strategy for the intelligent power system.

In the fourth paper, the authors present the active inquiry factor to investigate the dynamical behaviours of rumour spreading on social media networks.

In last paper, the authors try to solve the problem of runway incursion by applying deep learning and image processing, analysing social media data and showed people's concern about airport runway incursion.