

Where Science Meets Computer-Assisted Reporting

3rd SciCAR Conference

09th - 11th Sep. 2019, TU Dortmund

Intelligent uncertainty management plan for Information Broadcasting

Ali Aghazadeh Ardebili, University of Trieste

Abstract

An intelligent uncertainty management plan will guide the world. Information is one of the most important and valuable assets at the present that could effect on people's daily life at a micro level and policy-making in a widespread point of view. News broadcasting include various news events and other information are playing an important role in social and even political mental orientation; this information influence on social mindset and awareness and policymaking in both positive and negative ways. The effects of fake information could be a big motive for misleading social mentality and data-driven decision-making systems. This fact escalates the importance of fake information identification and maybe some strategies for confronting with fake information broadcasting. Fact-checking, verification, rumor-detection, and tracking could be some strategies. Considering the amount of information that is diffusing and broadcasting every day, a smart method is necessary to control the origin of the information, the channel that they broadcasted and even maybe the target of the information. The most effective tool to have all of these elements under control could be Artificial Intelligent (AI). However, designing an algorithm to control these elements are not enough. Some questions that should be answered before looking from a technical point of view. Who should be responsible to design the AI? Who should identify the indexes and references to distinguish what is fake information? Who should control the AI when it is functioning? Last but not least, which response strategy should be taken to confronting fake information? Filtering the information, filtering the target group or forcing the origin to stop broadcasting information (if it is possible)!! To answer these questions and investigation is mandatory to analyze the risks and opportunities of using AI to control information broadcast.

Keywords: *Artificial Intelligent, Uncertainty, Risk, Fact-checking, information verification, information tracking*