Abstract

The next generation personal virtual assistant

Mohamed Ben Haddou

Mentis S.A, Brussels 1000, Belgium

Abstract:

Virtual Personal assistants are changing the way that we interact with our environment. The rise of voice-enabled devices, such as Amazon Alexa and Google Home, offer a natural and intuitive way to interact with machines to speed up and improve daily tasks. Today's Smart Speakers are marketed as intelligent assistants able to understand, take decisions and support people in several tasks. However, this vision has yet to fully materialize. The next generation of VPA will be capable of carrying out complex tasks and non-routine work. They will to be able to follow entire professional conversations, formulate replies to business messages and seek documents in a company information system related to specific requests, follow up and manage users' task and help plan meetings accordingly. The new generation should bring a paradigm change of how VPAs are designed and used, that could have profound implications on the way the business in conducted in the era of Voice computing.

Biography:

Mohamed holds a PhD in Artificial intelligence from the one of the most known AI lab in Belgium and a Theoritical Physics Master from Brussesls university. His an expert in Artificial intelligence and specifically in Natural Language Processing technologies. He founded 3 Startups and participated in numerous others. He holds an expert positition in the Flanders National Science Foundation and in the European commission.

Publication of speakers:

1. Mohamed Ben Haddou, A systematic review and meta-analysis of the effects of mastication on sustained attention in healthy adults, Physiology & Behavior Volume 202, 1 April 2019, Pages 101 115

2. Myasthénie et dilatation de bronches : défi diagnostique et thérapeutique, Revue Neurologique, Volume 174, Supplement 1, April 2018, Page S47

3. Multiple sclerosis: Clinical characteristics and disability progression in Moroccan children, Journal of the Neurological Sciences, Volume 346, Issues 1–2, 15 November 2014, Pages 128-132

4. Dystonie et myasthénie, Revue Neurologique, Volume 173, Supplement 2, March 2017, Page S152

Citation: Mohamed Ben Haddou, The next generation personal virtual assistant; Cyber Security 2020; May 21, 2020; London, UK