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## Editorial

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**Biographical notes:** Ashraf Darwish is an Associate Professor of Computer Science and Acting the Head of Mathematics and Computer Science Department at Faculty of Science, Helwan University, Egypt. He received his PhD degree in Computer Science from Saint Petersburg State University, Russian Federation in 2006. He received his BSC and MSC in Mathematics from Faculty of Science, Tanta University, Egypt. He keeps in touch with his mathematical background through his research, and his research interests include information security, data and web mining, intelligent computing, image processing, modelling and simulation, computational intelligence, sensor networks, theoretical foundations of computer science, cloud computing, and the internet of things.

Mrutyunjaya Panda is currently working as Reader in the P.G. Department of Computer Science and Applications, Utkal University, Vani Vihar, Bhubaneswar, Odisha, India. He has published about 60 papers in international and national journals and conferences. He has also published five book chapters, edited two books in Springer and authored two text books on: soft computing techniques and modern approaches of data mining; to his credit. His active areas of research include data mining, intrusion detection, social networking, wireless sensor networks, image processing, information retrieval and sentiment analysis etc.

Aboul Ella Hassanien is the Founder and Head of the Egyptian Scientific Research Group (SRGE), Cairo University, and a Professor of Information Technology at the Faculty of Computer and Information, Cairo University. He has more than 700 scientific research papers published in prestigious international journals and over 40 books covering such diverse topics as data mining, medical images, intelligent systems, social networks and smart environment. His other research areas include computational intelligence, medical image analysis, security, animal identification and multimedia data mining.

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In recent years, computational intelligence has been extended by adding many other sub disciplines. Therefore, there has been a growing interest in the need for designing intelligent systems to address complex problems for the smart life. Intelligent systems are becoming a consolidated discipline which aims to improve various existing approaches in real world problems. Intelligent systems are emerging as a concept where every sensor, device, person, vehicle, building, and street in the areas can be used as a component to probe intelligent social for serving people and their lives. Moreover, new approaches are needed that could move us towards developing effective intelligent systems for problem solving and decision making for the smart life applications. This special issue aims to use of artificial intelligence techniques and the concept of smart networks to support aging and special needs people daily living by allowing independency using intelligent systems within smart environments.

The editors of this issue have been able to collect a high quality collection of original and relevant papers including seven papers which have the aim of bringing some of the most recent and interesting concepts by the worldwide research community and presenting some of the latest advancements and developments in the field of computational intelligence systems for the smart life. The papers feature the most up-to-date research in both to the theory and practice of intelligent systems, artificial intelligence, computational intelligence, and soft computing for the smart life.

The guest editors would like to express their sincere appreciation to Professor George A. Tsihrintzis, Editor-in-Chief, *International Journal of Computational Intelligence Studies (JCIStudies)*, for giving us the opportunity to organise this special issue. In addition, we would like to thank all the authors for submitting their papers. The efforts of the reviewers are also gratefully acknowledged.