



IEEE Signal Processing Greece Chapter & UPatras Biometrics Network

ΠΡΟΣΚΛΗΣΗ ΣΕ ΔΙΑΛΕΞΗ

Την Τρίτη 16 Σεπτεμβρίου 2014, στις 11:30πμ, στην Αίθουσα I.12 του Συνεδριακού Κέντρου του Παν/μιου Πατρών, θα πραγματοποιηθεί διάλεξη από τον Καθηγητή David Zhang. Ο κ. D. Zhang είναι Chair Professor στο Hong Kong Polytechnic University και Founding Director του Biometrics Research Centre (UGC/CRC). Έχει πολύ σημαντικό έργο στο χώρο της βιομετρίας με μεγάλη αναγνώριση από τη διεθνή επιστημονική κοινότητα (h-index > 75, citations > 25000). Το θέμα της διάλεξης του είναι:

"Biometrics Computing"

Η διάλεξη συνδιοργανώνεται από το IEEE Signal Processing Society Greece Chapter και το Ενδοπανεπιστημιακό Δίκτυο Έρευνας και Εφαρμογών στη Βιομετρία.

Ακολουθεί περίληψη της ομιλίας και σύντομο βιογραφικό του ομιλητή.

Τίτλος διάλεξης: BIOMETRICS COMPUTING

Περίληψη:

In recent times, an increasing, worldwide effort has been devoted to the development of automatic personal identification systems that can be effective in a wide variety of security contexts. As one of the most powerful and reliable means of personal authentication, biometrics has been an area of particular interest. It has led to the extensive study of biometric technologies and the development of numerous algorithms, applications, and systems, which could be defined as Biometrics Computing. This presentation will systematically explain this new research trend. As case studies, a new biometrics technology (palmprint recognition) and two new biometrics applications (medical biometrics and aesthetical biometrics) are introduced. Some useful achievements could be given to illustrate their effectiveness.

Σύντομο βιογραφικό ομιλητή:

David Zhang graduated in Computer Science from Peking University. He received his MSc in 1982 and his PhD in 1985 in Computer Science from the Harbin Institute of Technology (HIT), respectively. From 1986 to 1988 he was a Postdoctoral Fellow at Tsinghua University and then an Associate Professor at the Academia Sinica, Beijing. In 1994 he received his second PhD in Electrical and Computer Engineering from the University of Waterloo, Ontario, Canada. He is a Chair Professor since 2005 at the Hong Kong Polytechnic University where he is the Founding Director of the Biometrics Research Centre (UGC/CRC) supported by the Hong Kong SAR Government in 1998. He also serves as Visiting Chair Professor in Tsinghua University, and Adjunct Professor in Peking University, Shanghai Jiao Tong University, HIT, and the University of Waterloo. He is the Founder and Editor-in-Chief, International Journal of Image and Graphics (IJIG); Book Editor, Springer International Series on Biometrics (KISB); Organizer, the International Conference on Biometrics Authentication (ICBA); Associate Editor of more than ten international journals including IEEE Transactions and so on; and the author of more than 10 books, over 300 international journal papers and around 30 patents from USA/Japan/HK/China. Recently, he has selected as a Highly Cited Researcher 2014 by Thomson Reuters (Total 3,215 in 21 fields of the sciences & social sciences, each ranking among the top 1% most cited during over past 11 years). Professor Zhang is a Croucher Senior Research Fellow, Distinguished Speaker of the IEEE Computer Society, and a Fellow of both IEEE and IAPR.

Πληροφορίες για τη διάλεξη:

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