Call for Book Chapters: Deep Learning for Biometrics by Springer

With a very security conscious society, biometrics based authentication and identification have become focus for many important applications as it is widely believed that biometrics can provide accurate and reliable identification. Biometrics research and technology continue to mature rapidly, driven by pressing industrial and government needs and supported by industrial and government funding. As the number and types of biometrics architectures, sensors and techniques increases, the need to disseminate research results increases as well.

Advanced deep learning capabilities, and deep convolutional neural networks (CNN) in particular, are significantly advancing state-of-art in computer vision and pattern recognition. Many of the biometrics applications require highest level of accuracy that is being made available with the advanced deep learning capabilities. This book will address all aspects of biometrics research issues dealing with different biometrics modalities (face, iris, fingerprint, gait, security, databases) with a sole goal of improving performance of biometrics.

This book is intended to be positioned at the intersection of deep learning and advanced biometrics identification techniques with the most excellent and advanced work underway at academic and private research organizations as well as government laboratories. This book will present recent advances in deep learning for biometric security and privacy. Topics of interest include (but not limited to):

- Deep Learning for Face Biometrics

- Deep Learning for Gait, Fingerprint and Iris Recognition

- Deep Learning for Soft Biometrics

- Deep Learning for Biometrics Security and Protection

- Deep Learning for Big Data in Biometrics Applications

Each contributed chapter is expected to present research contributions using deep learning techniques for the advancement of biometrics. Extended version of papers recently published in ICCV, CVPR, CVPR Biometrics Workshop, ICB, BTAS, etc. can also be submitted.

Important Dates:
Submission of one-page abstracts: Before August 30, 2016
Notification of initial editorial decisions: September 20, 2016
Submission of full-length chapters: November 7, 2016
Notification of final editorial decisions: December 15, 2016
Submission of revised chapters: January 15, 2017

All submissions should be done via EasyChair:
https://easychair.org/conferences/?conf=cvprw2016

More details can be found at, CVPR 2016 Biometrics Workshop
http://vislab.ucr.edu/Biometrics16/

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