



Biometric Technologies and Applications

THEMATIC AREA: Data Analytics, AI, Biometric Technologies

TITLE: Biometric Applications

DATE: Monday 18 July 2022

TIME: 5 PM

DURATION: 1h

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> LECTURE HIGHLIGHTS

The use of biometric applications is nowadays broad and becoming more pervasive in our daily life. These technologies can be used for person verification, person recognition in a group, access control, passport control, surveillance, banking, e-commerce, entertainment, medical applications, ambient intelligence, assisted living, forensics, and many more.

This talk will review the main opportunities offered by biometric technologies to support a broad variety of applications. Trends and future challenges and research will also be analyzed.

> THE SPEAKER

Vincenzo Piuri has received his Ph.D. in computer engineering at Polytechnic of Milan, Italy (1989). His main research interests are: artificial intelligence, computational intelligence, intelligent systems, machine learning, pattern analysis and recognition, signal and image processing, biometrics, intelligent measurement systems, industrial applications, digital processing architectures, fault tolerance, cloud computing infrastructures, and internet-of-things. Original results have been published in 400+ papers in international journals, proceedings of international conferences, books, and book chapters.

He is Fellow of the IEEE, Distinguished Scientist of ACM, and Senior Member of INNS. He is IEEE Region 8 Director-elect (2021-22), will be IEEE Region 8 Director (2023-24), and has been IEEE Vice President for Technical Activities (2015), IEEE Director, President of the IEEE Systems Council, President of the IEEE Computational Intelligence Society, Vice President for Education of the IEEE Biometrics Council, Vice President for Publications of the IEEE Instrumentation and Measurement Society and the IEEE Systems Council, and Vice President for Membership of the IEEE Computational Intelligence Society.



Vincenzo Piuri is a Full Professor in computer engineering at the University of Milan, Italy (since 2000). He has been Associate Professor at Polytechnic of Milan, Italy and Visiting Professor at the University of Texas at Austin, USA, and visiting researcher at George Mason University, USA.

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> WHO SHOULD ATTEND

This talk will review the main biometric traits and the techniques supporting biometric identification and behavior analysis.

You'll hear from Professor Vincenzo Piuri who is IEEE Region 8 Director-elect (2021-22).

Professor Vincenzo Piuri will discuss Biometric Systems Design in more detail in follow up events on July 13th and July 18th.

This is a public lecture, all IEEE members and those who are interested in learning about biometric technologies and applications are welcome to attend this event.