

IEEE SYSTEMS COUNCIL
DISTINGUISHED LECTURE

ON

THE RISE AND RISE
OF
BIOMETRIC SYSTEMS

SPEAKER: DR. SAMBIT BAKSHI

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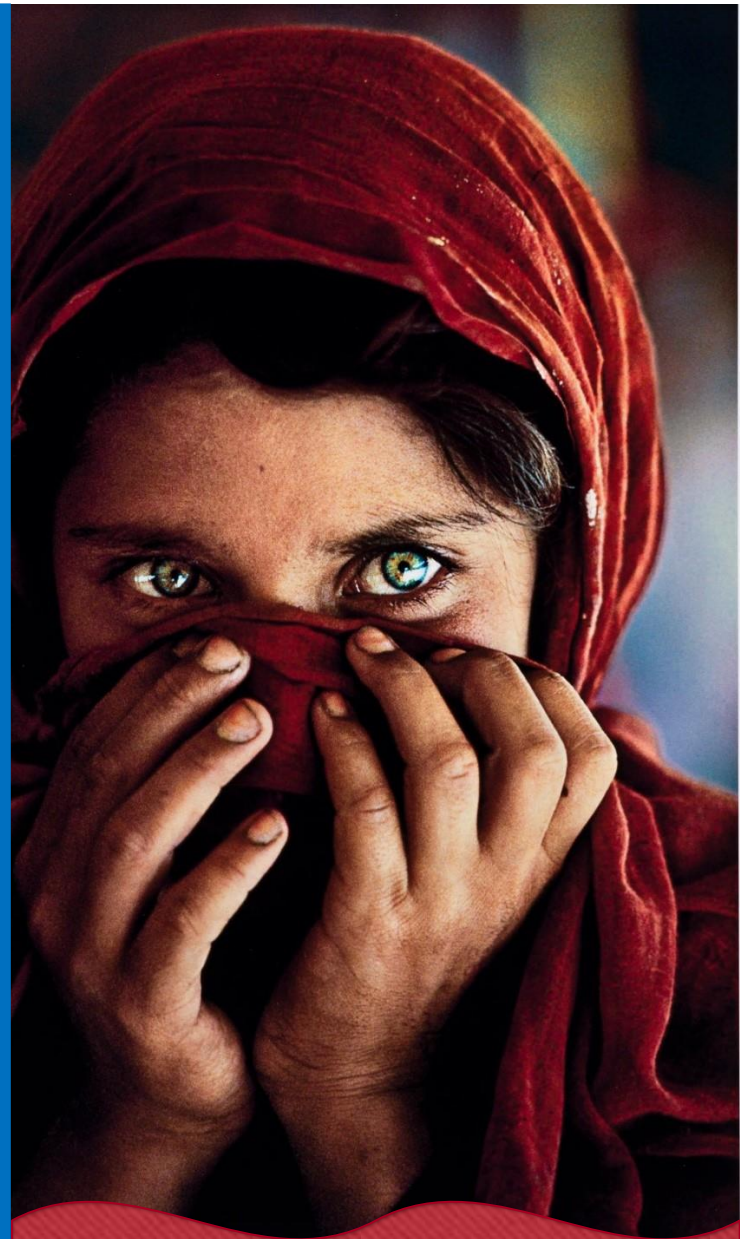
Associate Editor, *IEEE Systems Journal*

Associate Editor, *IEEE Transactions on Technology
and Society*

Associate Editor, *IEEE Transactions on Education*

DATE: 01 – Nov – 2023

TIME: 4:00 PM – 5:30 PM



Venue: H15, Academic Block
IIITDM Kancheepuram
Off Vandalur-Kelambakkam Road
Chennai – 600127, India

Biometric technology was incepted in 1958 in a very non-scientific way while recording inked fingerprints of people on paper on a whim. Then biometric technology was practiced and a scientific basis was established during finding the identity of Afgan Girl Sharbat Gula by National Geographic photographer McCurry and Prof. John Daugman. The talk will introduce the basic concepts of biometric security, beginning with the history of the development of biometric technology and how it has become the backbone of security in several daily-used products like personal computers or mobile phones. Apart from such applications, the talk will emphasize how biometrics helps to find criminals in the FBI and how helps to recognize a person in India using the nationwide database AADHAAR. The latest usage of deep learning techniques for achieving superior performances from biometric systems will also be highlighted in this talk.



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Conveners:

Dr. Rahul Raman, CSE
Dr. B. Chitti Babu, ECE