Smartphone Based Eye Biometrics

SBEB- Smartphone cameras for eye recognition



 The data is compared to obtain a score. The obtained score value is used to authenticate/ verify the subject.

NTNU

• Eye video acquired using the smartphone shall be used to detect the presentation attack and gauge the liveness of the subject under verification/ authentication.



provided by the biometric characteristics in

 Can video based iris recognition methods and new generation sensors such as

light-field enabled smartphones aid us in

Kiran B. Raja

kiran.raja@ntnu.no

achieving presentation attack detection

the vicinity to iris region be used?

(PAD)?

Dr. R. Raghavendra raghavandra.ramachandra@ntnu.no



Prof Dr. Christoph Busch christoph.busch@ntnu.no

Norwegian University of Science and Technology – Norwegian Biometrics Lab