Four Births Every Second

Infant mortality rates (per 1,000 live births): Low-income countries: 49; High income countries: 5
No. of Childbirths in India: ~25 million/year
Infant-ID: Civil Registration For All

What is the youngest age at which we can recognize a child?
Infant-ID: Civil Registration For All

Infants: 0 to 12 months

What is the youngest age at which we can recognize a child?
Infant-ID: Requirements

• Persistence and uniqueness of biometric trait
• Compatibility with Legacy System
• Usability (ergonomics)
• Throughput (time to process an infant)
• Low-cost solution (reader + matcher)
• Recognition on time-separated data (longitudinal study)
InF15 SPOTLIGHT ON INFANT BIOMETRICS

5-5:04 Moderator’s Opening Remarks, Anil K. JAIN, Michigan State University

5:04-5:16 Infant-Prints: Fingerprint recognition of infants, Joshua ENGELSMA, Michigan State University

5:16-5:28 Biometric Recognition of Children, Yaseen MOOLLA, CSIR, South Africa

5:28-5:40 KidPrint: Biometrics for everyone, Eliah ARONOFF-SPENCER, UC San Diego

5:40-5:52 Infant Biometrics: The point of entry to a legal Identity, Paul MACHARIA, Ministry of Health, Kenya

5:52-6:02 Infant Biometric Identity: A mobile deep learning approach, Barbara IYAYI, Element

6:02-6:30 Panel Discussion