

## ***Biometric Consortium 2003 Conference***

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*"Fusion of Biometric Signals"*

It is shown how decorrelated biometric signals can be optimally combined using only their individual Receiver Operator Characteristic (ROC) curves for the purposes of identity verification. This allows for determination of fused biometric performance from published performance curves, and without the raw data -- the sample scores - obtained from data collection efforts. Special consideration is given to the fusion of face and finger, face and iris, and the combined fusion of face, finger, and iris.