

# Dr. JACQUELINE JOHN GEORGE

Khartoum 2, Block no.6, House no.2  
Khartoum, Sudan  
Phone: +249 (0) 183462128  
Mobile: +249 (0) 911229802  
Email: [jaco\\_john@hotmail.com](mailto:jaco_john@hotmail.com)

## PERSONAL DETAILS

D.O.B 23/09/1975  
Nationality: Sudanese  
Languages: Fluent in English and Arabic both spoken and written

## EDUCATION

### **Ph.D., Electronics Engineering, University of Kent, Kent, Canterbury, UK, (2001-2004)**

Dissertation: *Optimising Multimodal Fusion for Biometric Identification Systems.*

- Research financed by the Electronics department in the University of Kent.
- Advisor: Professor M.C.Fairhurst and Dr F. Deravi.

### **M.Sc., Mobile communication and Network, University of Kent, Kent, Canterbury, UK, (2001)**

Dissertation: *Design of a radiation dose monitoring system.*

A device was designed that will be used in the field of Radiotherapy to monitor the radiation dose given to a patient.

- The Sudanese Government financed the course.
- Distinction in M.Sc.

### **B.Sc., Electronics engineering, Sudan University of Science and Technology, Khartoum, Sudan, (1999)**

Dissertation: *Design of a Video Frame Grabber*

A system was designed that digitises a video signal from a video camera and extracts (grabs) and stores a single frame in digital form for later display on a PC.

- Graduated with First Class Honours.

## **WORKING EXPERIENCE**

**25/6/2005–up to date**, Sudan University of Science & Technology, Khartoum, Sudan  
As an Assistant Professor

**2002–2004**, University of Kent, Canterbury, Kent, UK  
As a teaching assistant in: -

- Electronics and electrical subjects.
- Digital system design
- Mathematics.
- Matlab language.

**2001–2002**, University of Kent, Canterbury, Kent, UK

As a supervisor of a project that involved collecting biometric data (Fingerprints, Voice and Face samples) from a varying population of 220 individuals.

**1999–2000**, Sudan University of Science & Technology, Khartoum, Sudan  
Teaching assistant in: -

- Digital system design
- Microprocessors
- Assembly language

## **COMPUTER SKILLS**

1. Matlab programming.
2. Borland C++ programming.
3. Using Microsoft office
4. Website Design

## **PERSONAL SKILLS**

1. Excellent communication skills.
2. A hard worker and a fast learner.
3. Ability to work under pressure.

## **PUBLICATIONS**

1. M.C.Fairhurst, J.George, F.Deravi, “*Scenario based data collection trials for the evaluation of multi-modal biometric processing: a preliminary report*”, Proceedings of Knowledge-Based Intelligent information Engineering Systems & Allied Technologies (KES 2002), pp1217-1221, Sept 3-5,2002
2. M.C.Fairhurst, R.M.Guest, F.Deravi, J.George, “*Using Biometrics as an Enabling Technology in Balancing Universality and Selectivity for Management of Information Access*”, Proceedings of Universal Access. Theoretical Perspectives, Practice, and

Experience: 7th ERCIM International Workshop on User Interfaces for All, LNCS 2615, pp 249-259, Paris, October 24-25,2002

3. M.C.Fairhurst, F.Deravi, N.J.Mavity, J.George, K.Sirlantzis, “ *Intelligent management of Multimodal Biometric Transactions*”, Proceedings of Knowledge-Based Intelligent information Engineering Systems (KES 2003), LNAI 2774,pp 1255-1260, Oxford, Sept 3-5,2003
4. M.C.Fairhurst, F.Deravi and J.George, “ *Towards Optimised Implementation of Multimodal Biometric Configurations*”, CIHSPS 2004, IEEE nternational Conference on Computational Intelligence for Homeland Security and Personal Safety, Italy, July 2004.