

## ACADEMIC STAFF PROFESSIONAL PROFILE FORM

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### 1. Personal Data

<b>Name:</b> George Maina Mureithi
<b>Title/Qualifications:</b> Msc
<b>Department/Unit/Section:</b> Electrical and Electronics Engineering
<b>Contact Address:</b> Box 43844 – 00100 Nairobi
<b>Position:</b> Lecturer and Chairman
<b>Area of Specialization:</b> Telecommunications
<b>Research Interests:</b> Wireless Communication Networks, Game Theory, Signal Processing, Image Processing, Algorithm Development, Optical Communication Networks and Smart Grids.

### 2. Conference Presentations

S/No	Presenter	Title of Paper presented	City/Country	Date of Conference	Funding (US\$)
1	George Maina Mureithi	Low Complexity Greedy Scheduler for The MIMO Downlink	Stellenbosch, South Africa	September 2010	1,200

### 3. Research

S/ No	Researcher	Year	Title	Donor	Funding (US\$)
1	George Maina Mureithi	2010	Scheduling in Multi-user MIMO wireless systems: A Cross-Layer Approach	F'SATI	6,000

### 4. Funded projects

S/ No	Researcher	Year	Title	Granting Body	Funding (US\$)

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**5. Publications**

S/No.	Author	Year	Title	Journal	ISBN/ISSN Reference No.

**6. Consultancy and community service**

S/No.	Consultant (s)	Consulting Person/ Body/ Organization	Year	Title Consultancy Service	Payment (US\$)

**7. Affiliation to Professional Bodies**

S/No	Name of professional body
1	Engineers Board of Kenya (EBK)

**8. National and International awards and Recognitions**

S/No	Name of award or Recognition	Awarding Organization/Body	Year
1	Faculty Colour Awards	Faculty of Engineering and the Built Environment, TUT South Africa	2012
2	Cum Laude in Electrical Engineering	TUT South Africa	2012
3	Employee of the month	Safaricom, Kenya	2007
4	1 <sup>st</sup> Class Honours in Electrical and Communications Engineering	Moi University Kenya	2005

**9. External Examination (if any)**

S/No	Institution	Year

**10. Supervision of postgraduate students (if any)**

S/No	Name of student	Thesis title	Status of project(e.g.Fiest year etc)

**11. Patents (if any)**

S/No	

**12. Administrative positions held to date**

Chairman, Department of Electrical and Electronics Engineering, Kenyatta University.