

CEEVEE FOR F F TUSUBIRA
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SECTION A: BIODATA

1. **Name:** Francis Frederick Tsubira
2. **Date of Birth:** 29th May 1952
3. **Marital Status:** Married with three children
4. **Citizenship:** Ugandan

SECTION B: ACADEMIC QUALIFICATIONS

1. Ph.D. University of Southampton, England, October 1988
(UK Commonwealth scholarship)
2. M.Sc.E University of New Brunswick, Canada, Feb 1979
(Canadian Commonwealth scholarship)
3. B.Sc. (Eng.) (1st Class Hons.) Makerere University, Kampala, March 1975

SECTION C: PERSON PROFILE

A manager and a leader; able to work independently or as part of a team; time-conscious; results oriented; self-motivated; quick grasp of issues; original thinker; responsive to change; thrives on challenge; very good interpersonal skills; a good public speaker.

Internationally recognised information and communication technology (ICT) professional with experience and strengths in: managing change; policy formulation and management; project management from conception to implementation; ICT as a tool for development; regulation and regulatory issues; information and communication technology (ICT) infrastructure design and implementation.

Sociable, and socially responsible, with focus on sustainable development for the disadvantaged and marginalised sections of society.

Driving philosophy:

“Be the change you want to see in the world” – *Mahatma Gandhi*

SECTION D: PROFESSIONAL AFFILIATIONS/OFFICES:

1. Fellow, Uganda Institution of Professional Engineers (UIPE) (Recipient of the UIPE Presidential Citation of Merit for Exemplary Support of the Institution and the Profession of Engineering – 1998)
2. Member, Institution of Electrical Engineers, UK
3. Registered Engineer, Engineers Registration Board, Uganda
4. Chartered Engineer, Engineering Council, United Kingdom
5. 1997 – 2001: Council Member and Treasurer, Uganda Association

- of Consulting Engineers
6. May 1999 – Apr 2000: Member, UIPE Professional Practice and Ethics Committee
 7. Mar 1996 – June 1998: Vice-President, Uganda Association of Technical Professions
 8. May 1996 – Apr 1998: Chairman, UIPE Professional Practice and Ethics Committee
 9. Apr 1995 – Apr 1996: President, Uganda Institution of Professional Engineers
 10. Oct 1993 – Nov 1997: Member, Engineers Registration Board
 11. Apr 1994 – Apr 1995: Chairman, UIPE Finance and Administration Committee
 12. Apr 1993 – Apr 1995: Vice-President (Electrical), Uganda Institution of Professional Engineers
 13. Apr 1991 – Apr 1994: Chairman, UIPE Publications Committee and Editor, UIPE Journal
 14. Apr 1991 – Apr 1992: Editor, UIPE News
 15. June 1989 – Apr 1993: Honorary Treasurer, Uganda Institution of Professional Engineers
 16. June 1989 – Apr 1998: Council Member, Uganda Institution of Professional Engineers
 17. Nov 1988 – Nov 1989: Council Member, Uganda Association of Technical Professions
 18. Aug 1984 – June 1985: Secretary, Uganda Institution of Professional Engineers Membership Committee

SECTION E: SPECIAL AND GENERAL ASSIGNMENTS:

1. ***August 2008 to date***
Member of the Board, Tertiary Education Network (TENET), South Africa.
2. ***April 2008 to date***
Member, Busitema University Council and Chairman, Appointments Board
3. ***February 2008 to date***
Member of the Board, Internet Educational Equal Access Foundation
4. ***October 2007 to date***
CEO, UbuntuNet Alliance (Ag up to Dec 2008)

5. **March 2007 to date**
Member, National Citizenship and Immigration Board, Uganda
6. **March 2007 to 2008**
Chairman of Council, Namasagali University
7. **Nov 2006 to date**
Member of the Board, Ubuntunet Alliance, an organisation of African Research and Education Networks
8. **July 2006 to Dec 2006:**
Chair of the National Task Team defining policy, design, implementation and operations for the National Data Transmission Backbone and E-government Infrastructure, Uganda
9. **June 2006 to date:**
Member of the ICT Advisory Board for the Association of African Universities
10. **July 2006 – June 2007**
District Governor, Rotary District 9200 (Eritrea, Ethiopia, Kenya, Uganda and Tanzania)
11. **2006 to date**
Member of the ICT Committee of the Presidential Investors Round Table (Uganda)
12. **Dec 05 – October 2007**
Chair of the Task Team for the formation of the Research and Education Network of Uganda (RENU) as assigned by founding Vice-Chancellors and CEOs
13. **Sept 05 – Jan 06:**
Chaired the Task Team that developed the new Telecommunications Sector Policy for Uganda (see also www.ucc.co.ug)
14. **March 2005 to Jan 2008:**
NetTel@Africa Director. NetTel is a capacity building network for ICT policy makers and regulators in Africa. See www.nettelafrika.org
15. **Dec 2003**
Chair, Senate Ad Hoc Committee of Senate that developed Senate proposals for streamlining of the Vice Chancellor search process
16. **6 – 18 October 2002**
Head of the Uganda Delegation to the International Telecommunications Union (ITU) Plenipotentiary Conference (Plenipot 2002), Marrakesh, Morocco; Issues dealt with included global policy and regulatory issues as well as ITU treaty matters.
17. **Dec 2001 to May 2007**
Chair, Uganda Development Gateway (UDG) Working Group, later elected Chairman of the Board of Directors. The UDG is an Internet portal for information on

sustainable development and poverty reduction – offering a common space for dialogue and exchange of experience, knowledge, ideas, tools, information, data and other resources. Role played: co-ordinator, guiding the stakeholders workshop to converge on agreed issues; preparation of the grant proposal; overall management of the planning process at policy level. (Supported by an *infoDev* grant)

18. May 2000 to May 2005

Member, Electricity Regulatory Authority, Uganda. One of a part-time policy board of 5 people that meets monthly to review regulatory policy, deal with licensing issues, and monitor progress in achieving sector policy objectives

19. April 2000 to September 2007

Coordinator, ICT Projects for Makerere University. Spearheaded the formulation of the Makerere University ICT Policy and Master Plan. Charged with policy management, implementation of ICT services and systems, and information resource management. (See <http://www.makerere.ac.ug/makict/>)

20. August 1998 to Jan 2005

Commissioner, Uganda Communications Commission. One of a part-time policy board of 7 people that reviews regulatory policy, deals with licensing issues, and monitors progress in achieving sector policy objectives. A major focus was rural communications development.

21. Nov 1998

Deputy Head of Uganda Delegation to the ITU Plenipotentiary Conference (Plenipot '98), Minneapolis, USA. Issues dealt with included global policy and regulatory issues.

22. May 2000

Head of Uganda Delegation to the World Radiocommunication Conference, Istanbul, Turkey

23. June 1998 to June 2001

Member, Mbarara University of Science and Technology Appointments Board

24. Nov. '98 to Mar. '99

Chairman, Task Force on the merger of Uganda Polytechnic Kyambogo, Institute of Teacher Education, Kyambogo and Uganda National Institute for Special Education to form a University. This Task Force produced a report that has been the basis for the formation of Kyambogo University.

25. August 1998

Technical Advisor to a Ministerial Delegation to U.S.A in negotiations for an Institute of Technology

26. 1996

Member of the Task Team for the Establishment of Busoga University, and later a member of the first Board of Directors

27. 1995 - to 2000

Member of the Senate Appeals Committee, Makerere University

28. 1994 - to 2000

Member of the Senate Science Committee

29. 1993 – 1995

Member of the Senate Higher Degrees Committee

30. May 1992

Member, Committee of Inquiry set up by Cabinet Directive to Investigate the fire at Owen Falls Power Station and related matters

31. April 1992

Member, University Appointments Board Committee of Inquiry into the Dept of Social Work and Social Administration

32. April 1991

Member of the Committee of Inquiry into the Makerere University School of Education (for the Makerere University Appointments Board)

33. November 1990

Chaired the Technical Committee of Inquiry into the nationwide blackout (Uganda) of 24 Nov 1990 (for the Minister of Energy)

SECTION F: SELECTED CONSULTANCIES/STUDIES/RESEARCH:**1. Nov 2009 to date**

Project Leader, Transformation of the Namibian Communications Commission (NCC) into the independent Communications Regulatory Authority of Namibia (CRAN), for the Namibian Government

2. June 2009 to date

As Knowledge Consulting: A study on “Empowering regulators to Protect Consumer Rights in the ICT Sector” (focus on Uganda as part of a regional study led by Wits Enterprise and funded by IDRC)

3. January 2009 – June 2009

As Knowledge Consulting: External Assessment of the Sida Support to Universidad Mayor de San Andres, La Paz, Bolivia.

4. March 2009 – Dec 2009

As Knowledge Consulting: Quality of Service Survey in the Telecommunications sector in Uganda (for the Uganda Communications Commission).

5. April 2009 – Dec 2009

A detailed study of IT Enabled Service in 11 selected countries in Africa (for the World Bank).

6. November 2008 – March 2009

A Rapid Scan of the IT Enabled Services Industry in Africa (for the World Bank).

7. Nov 2008 – March 2009

Case studies, as Knowledge Consulting, on Uganda and Rwanda for the Crisis Management Initiative, Helsinki, Norway for their Governance Out of a Box series (focus: ICT4State-Building – African Experiences and Opportunities).

8. 2008

Led the development of the key documents defining the UbuntuNet Alliance: Revised Strategic Plan (with an external consultant); Policy and Master Plan (incorporating infrastructure vision and sustainability strategy); Key operational manuals. Funded by IDRC, Canada

9. May 2007 to June 2008

Supporting the development of an ICT Policy and Master Plan for Haramaya University, Addis Ababa (funded by Sida)

10. Jan - May 2006

Capacity building consultant under ATOS Origin, developing training material and delivering training related to ICT and application to development for World Bank Task Team Leaders

11. May 2003 to Feb 2007

Lead Consultant under Atos Consulting for Component 1e, Capacity Building for ICT Policy Makers and Regulators, under the DFID and Sida funded project, Catalysing Access to ICTs in Africa (Atos Consulting and DFID won the Innovation Category award for this project at the MCA Awards, 2007, UK).

12. Oct – Dec 2006

Evaluation of Sida/SAREC support to University of Addis Ababa, Ethiopia for Sida (part of a team led by Prof Johann Mouton)

13. May/June 2006

Evaluation of Leland Initiative support projects in Lesotho, (under Computer Frontiers Inc, for USAID)

14. 2004 to October 2007

Lead Researcher for the Research ICT Africa! research node in Uganda – see www.researchictafrica.net

15. April 2005 to March 2006

Consultant to the Association of African Universities: ICT Initiative under AAU for African Academic and Research Institutions (focusing on the bandwidth challenge)

16. May 2003 – Nov 2003

Lead consultant (initial nomination by Makerere University) for Component 1e of the DFID and Sida/SAREC funded initiative: Catalysing Access to ICTs in Africa. Component 1e is aimed at Capacity building for ICT policy makers and regulators. The consultancy required the formulation of a strategy and work plan for implementing the component. Makerere University has subsequently been identified to host this component.

17. Dec 2002 – Feb 2003

Formulation of an ICT Policy and Master Plan for the Ministry of Foreign Affairs, Uganda, supported by the United Nations Development Programme, Uganda.

18. March 2002 – October 2002

ICT Readiness survey for the government of Uganda: Base study and evaluation preparatory to the award of consultancy for the formulation of an ICT Policy and Master Plan for Government as an enterprise.

19. 2000

Lead Consultant for the Proposed Optical Fibre backbone for Makerere University (Funded by ADB). Role: overall project planning and management. This project has been completed on time and within cost (Infrastructure value USD 1 million)

20. April 2000 – August 2001

Leland Project Manager, working as counterpart to Computer Frontiers Inc. in the establishment of a wireless backbone and internal ISP for Makerere University (USAID, EDDI) (Project value \$1 million for infrastructure and consultancy services)

21. 1998

Consultant to Bank of Uganda in setting up a modern nationwide vehicular radio communication network (Infrastructure value \$300,000)

22. 1998 – 2000

Project Manager under Technology Consults for the World Bank funded Rehabilitation of Soroti Hospital

23. 1997 – 1998

Civil Works Expert for the European Union Funded Partial Rehabilitation of the National College of Business Studies, Institute of Teacher Education Kyambogo, and Uganda Polytechnic Kyambogo.

24. Apr 1996 – June 1996

Communications Consultant to the Interim Electoral Commission

25. 1994 – 2000

Rainfall Characterisation and Ku Band Propagation Measurements (Part of an ITU and EU sponsored international consortium)

26. 1993 – 1996

Principal Consultant (under Technology Consults Ltd.) supervising the Installation of a Nationwide Radio Telecommunication Network for the Uganda Revenue Authority.

27. 1993

Project Coordinator (under Technology Consults Ltd.) under the UNIDO sponsored project: "Building Endogenous Capacity in Science and Technology".

28. 1992 – 2001

Propagation studies for Uganda; financed by Uganda Government through Makerere University (initial stage). Also funded by the Government of Italy and the Uganda Communications Commission

Makerere University

SECTION H: PUBLICATIONS AND OTHER ACADEMIC OUTPUT

Reports

1. "Amplifier Linearisation Techniques", Internal Report, Department of Electronics and Computer Science, University of Southampton, March 1987.

Theses

1. "Low Level Multiplexing in Cellular Radio Systems", Ph.D. Thesis, Department of Electronics and Computer Science, University of Southampton, Sept. 1988
2. "Low Level Multiplexing in Narrowband Cellular Radio", Mini-thesis, Department of Electronics and Computer Science, University of Southampton, December 1986.
3. "Effects of Dielectric Loading on the Propagation Characteristics of Circular Waveguides", Master's degree thesis, University of New Brunswick, Canada, February 1979.
4. "Simulation of a Uniformly Distributed Line", Bachelor's degree project report, Makerere University, Uganda, March 1975.

Publications

1. Kivunike, N. F., Ekenberg L., Danielson, M., and Tusubira, F. F. (2009). Investigating universal access from a human development perspective; in IADIS International Conference 2009 ICT, Society Human Beings proceedings, Algarve, Portugal ISBN: 978-972-8924-82-9
2. Kivunike, N. F., Ekenberg L., Danielson, M., and Tusubira, F. F. (2009). Investigating Perception of the Role of ICT towards the Quality of Life of People in Rural Communities in Uganda; in IFIP WG9.4 2009 Conference proceedings, Dubai, United Arab Emirates (A modified version has been invited for a special issue of the Journal of IT for Development on ICT and the Millennium Development Goals)
3. Kivunike, N. F., Ekenberg L., Danielson, M., and Tusubira, F. F. (2009). Examining Contextual Factors that Influence ICT Adoption in Rural Communities in Uganda; in IST Africa 2009 Conference Proceedings, Kampala, Uganda ISBN: 978-1-905824-11-3
4. Tusubira, F. F., "Creating the Human and Infrastructure Research and Education Networks in Africa", Proc TNC-2009, ISBN 978-90-77559-19-2. June 2009.
5. Tusubira, F. F., Ndiwalana, A., and Kitamirike, D., contributing authors as Knowledge Consulting to "Governance out of a Box: ICT4State-Building – African Experiences and Opportunities", Edited by Suvi Tuominen and Stephen Lyabandi, Crisis Management Initiative. ISBN 978-952-99793-8-7. Oct 2009.
6. Kahiigi, K. E., Danielson, M., Hansson, H., Ekenberg L., and Tusubira, F. F. (2009). Criticism of E-learning Adoption and use in Developing Country Contexts. In IADIS International Conference e-Learning 2009, Algarve, Portugal.
7. Kahiigi, K. E., Danielson, M., Hansson, H., Ekenberg L., and Tusubira, F. F. (2009). An Empirical Investigation of Students' Perceptions of E-learning in Uganda. In IST-Africa 2009 Conference Proceedings, Kampala, Uganda.

8. Kivunike, N. F., Ekenberg L., Danielson, M., and Tsubira, F. F. (2008). Rural Communities in Developing Countries: An Explorative Review of the Contribution of ICT on Quality of Life. In IADIS International Conference ICT, Society and Human Beings 2008 proceedings, Amsterdam, Netherlands
9. Tsubira F F, Mulira K Nora, Kahiigi E K, Kivunike N F, "Transforming Institutions Through Information and Communication technology – The Makerere University Experience", Published by the Directorate for ICT Support, Makerere University, ISBN 9970-863-03-7, November 2008
10. Kahiigi K. E., Ekenberg L., Hansson H., Tsubira F. F., and Danielson, M "An Explorative Study of E-learning in Developing Countries: A Case of the Uganda Education System". IADIS Multi Conference on Computer Science and Information Systems, Amsterdam, the Netherlands, 2008.
11. Kahiigi K. E., Ekenberg L., Hansson H., Tsubira F. F., and Danielson M., "Exploring the e-Learning State of Art". The Electronic Journal of e-Learning Volume 6 Issue 2, pp77 - 88, available online at www.ejel.org, 2008.
12. Kivunike N F, Ekenberg L, Danielson M, Tsubira F F (2008) Using a Multi-Criteria Tool for Selecting ICT Development Initiatives, IST-Africa 2008 Conference Proceedings, Conference, Windhoek Namibia, 7th - 9th May 2008, ISBN: 978-1-905824-07-6
13. Kivunike N F, Ekenberg L, Danielson M, Tsubira F F (2007) Measuring the Information Society: An Explorative Study of Existing Tools. In proceedings of ECIME - The European Conference on Information Management and Evaluation, Montpellier, France, 20th - 21st September 2007
14. Tsubira, F.F and Ndiwalana, A. "University-Industry Linkages for Development: The Case of Uganda." (2006). (Research commissioned by the World Bank).
15. Ndiwalana, A., and Tsubira, F.F. "ICT in Small Businesses: How can Academic Networks be more relevant?" Proc. of the 4th International Workshop on Open Access, 12-14 December 2006, Stockholm, Sweden
16. Tsubira, F. F. and Ndiwalana, A: Contributions on Uganda in "Towards An African e-Index: SME e-Access and Usage in 14 African Countries." Edited by C Stork and S Esselaar, 2006. ISBN 10 0 620 37593 0
17. Tsubira F F, Contribution on "Uganda's Approach to Universal Access to Telecommunications" in "Liberalisation and Universal Access to Basic Services – Telecommunications, Water and Sanitation, Financial Services, and Electricity". OECD Trade Policy Studies, 2006. ISBN 92-64-02867-6.
18. Ndiwalana, A., Esselaar, S., Tsubira, F.F., and Stork, C. (2006). "Information and Communication Technologies in Small and Medium Enterprises: Findings from Uganda." Proc. of the 2nd Annual International Conference On Sustainable ICT Capacity in Developing Countries (SREC06), 6th-9th August 2006, Kampala, Uganda.
19. Tsubira F. F., Contributing Author to "From the Digital Divide to Digital Opportunities: Measuring Infostates for Development", Ed George Sciadas. Published by Claude-Yves Charron, ISBN 2-922651-05-3, 2005.
20. Tsubira F. F. and Kaggwa, I: Chapter on Uganda in "Towards an African e-Index: Household and Individual ICT Access and Usage across 10 African countries", Edited by A Gillwald, 2005. ISBN 0 620 35400 3.
21. F F Tsubira "INFORMATION AND COMMUNICATION TECHNOLOGY: [The Emumbwa of The Knowledge Society or The Rebirth of Ignorance](#)"

22. F F Tusubira "We Build For The Future: Access, Knowledge And Human Development" [paper](#) or [Powerpoint Presentation](#) Presented at the Public Services @ Nobel Week, 8 - 12 December 2005, Stockholm, Sweden.
23. F F Tusubira "[Policies and Laws that direct the ICT Sector in Uganda – A Critique](#)" Presented at the World Telecommunications Day Symposium 17th May 2005, Kampala
24. F F Tusubira "[Integrating ICT in the University functions: The achievements, challenges and new directions](#)" Presented at the Visit of SIDA Research Board to Makerere University 5th –9th February, 2005
25. F F Tusubira "[Taking Development to the People in Africa](#)" Keynote Address, Annual Techie Event, 6 – 8 October 2004, Port Elizabeth Polytechnic, South Africa.
26. F F Tusubira and N Mulira "[Integration of ICT in organisations: Challenges and best practice recommendations based on the experience of Makerere University and other organizations](#)" Presented to Conference on “Universities: Taking a leading role in ICT enabled human development”, 6 – 8 September 2004, Kampala, Uganda
27. F F Tusubira "[Rural Communications Development – A Tutorial Paper Based on the Uganda Case](#)" *Invited Presentation*, International Seminar on ICT Policy Reform and Rural Communications Infrastructure, August 23 – September 1, 2004, Fujisawa and Tokyo, Japan (Organised by the European Bank for Reconstruction and Development and the JICA)
28. F F Tusubira "[Information and Communication Technology In Institutional Management](#)", Uganda National Council for Higher Education Capacity Training Workshop, 26 – 30 July 2004, Nile Resort, Jinja
29. F F Tusubira "[The Future of Telecommunications and Its Regulation Capacity Building Challenges](#)" *Invited Presentation*, Keeping Abreast with the Best NetTel@Africa Conference 28 - 29 July 2004, UNISA, Pretoria.
30. F F Tusubira "[The Future of Telecommunications and Its Regulation](#)" *Invited Presentation*, Western Conference of Public Service Commissioners, 13 – 16 June 2004, Anchorage, Alaska.
31. F F Tusubira “ICTs for Poverty Reduction: Where, When and How? Making a difference”, *Invited Presentation* at Workshop on “ICTs for Poverty Reduction: When, Where and How?”, Harvard University, 19 – 20 September 2003, Organised by IDRC and Presided over by Nobel Laureates Amartya Sen and Michael Spence
32. F F Tusubira, “The Role of Science in the Information Society: Operating at the 8th and 9th OSI Layers to Promote the Spread of the Internet in Africa”, *Invited Paper*, World Summit on the Information Society, WSIS 2003, RSIS Summit Event, 8 – 9 Dec 2003, CERN, Geneva, Switzerland.
33. F F Tusubira and A Kyeyune, “Modeling and Model Verification for Rain-induced Attenuation on a Line-of-sight link at Ku-band”, International Conference on Antennas and Propagation, ICAP 2003, 31st March – 3rd April 2003, University of Exeter, UK (IEE Conference Publication No 491).
34. F F Tusubira, “[Uganda’s Rural Communications Development Policy and The National ICT Policy Formulation Process and Output](#)”, *Invited presentation* at the conference on Networking Africa’s Future, 13 – 16 April 2003, Kwa Maritane Game Lodge, North West Province, South Africa, organised by IDRC.
35. F. F. Tusubira, “[Challenges of Scientific Re-Awakening in the Developing Countries: Action Agenda for the World Summit on the Information Society](#)”,

presented to WSIS PrepCom 2, Geneva, *on the invitation of the International Council for Science (ICSU)* (Feb 2003).

36. F. F. Tsubira, "[Supporting Universities ICT Developments: The Makerere University Experience](#)", *Invited Presentation* to the CODESIRIA General Assembly, 8 – 12 December 2002.
37. F. F. Tsubira, "[Industrialisation: Retracing the Path to Economic Failure?](#)" *Invited Paper*, Makerere University Business Conference, 5 – 6 December 2002.
38. F. F. Tsubira, "[Falling Upwards: The need for New Strategies in Bridging an Expanding Gap](#)" Invited Presentation to the International Development Research Corporation, Canada, at the Open Programme Meeting, 18 – 20 June 2002.
39. Shirley Mary M, Tsubira F F, Gebreab F, Haggarty L, "Telecommunications Reform in Uganda", World Bank Development Research Group, Policy Research Working Paper 2864, June 2002.
40. F. F. Tsubira et al, "[ICT Implementation Strategies and Challenges for Enterprises in Africa](#)", ITU Africa Telecomm 2001, 12 –16 November 2001, Johannesburg, South Africa
41. F. F. Tsubira, "[Bridging the Digital Divide in Least Developed Countries](#)", Bay Bytes 2nd Rural Technology Forum, 23 –25 Sept 2001, Terra Nova Park Lodge, Port Blandford, Newfoundland (*Invited Paper*) Paper also presented on invitation to Wireless Vision, A Global Congress on Marconi's Legacy, St John's, Newfoundland
42. F.F.Tsubira and A. Kyeyune, "[What is Information and Communication Technology?](#)", ICT Awareness workshop, 6 – 7 July 2001, University Library, Makerere University
43. F. F. Tsubira et al, "[Information and Communications Technology as a tool for Modernisation](#)", UIPE, 6th National Technology Conference, 3rd - 4th May 2001, Uganda International Conference Center
44. F.F.Tsubira, "[Strategy of the Uganda Communications Commission in the Face of Changing Technology](#)", Makerere University Business School, Annual International Management Conference, 6-7 December, 2000, Windsor Lake Victoria Hotel, Entebbe
45. F.F.Tsubira, "[Mathematics in Communication: Introduction to Coding](#)", A Public Lecture to the Uganda Mathematics Society
46. F.F.Tsubira, "Regulation in the Converging Data and Voice Market", EA Telecomm 2000, 24-26 February 2000, Nairobi, Kenya (*Invited Paper*)
47. F. F. Tsubira, J. S. T. Kagoro, A. Kyeyune, "Testing and Application of Rainfall Models in Attenuation Prediction Modeling" ICEET '99: International Conference on Electrical Engineering and Technology. 6th - 8th September 1999, Dar-es-Salaam, Tanzania.
48. F. F. Tsubira, J. S. T. Kagoro, A. Kyeyune, "Derivation and Validation of Rain Intensity Statistics for Modeling and Attenuation Prediction": International Conference on Electrical Engineering and Technology. 6th - 8th September 1999, Dar-es-Salaam, Tanzania.
49. F. F. Tsubira, "Telecommunications Regulation and Technology: Opportunities and Challenges", Proc. 3rd African Regional Workshop on Communications (ARWOC3), 26 - 29 July 1999, Lusaka, Zambia.
50. F. F. Tsubira and A. Kyeyune, "Rainfall Regime and Attenuation Prediction for Line of Sight and Satellite Links at Ku-Band", Proc. 3rd African Regional Workshop on Communications (ARWOC3), 26 - 29 July 1999, Lusaka, Zambia.

51. F. F. Tsubira, "Radiation and Antennas" (Tutorial paper) Proc. Second African Regional Workshops on Communications (ARWOC2), 23-28 August 1998, Kampala, Uganda.
52. F. F. Tsubira, "Communications: Getting the Message Across", Proc. Second African Regional Workshop on Communications (ARWOC2), 23-28 August 1998, Kampala, Uganda.
53. F. F. Tsubira, "Radio Interference: Causes and its Mitigation", Proc. Second African Regional Workshop on Communications (ARWOC2), 23 - 28 August 1998, Kampala, Uganda.
54. Proceedings of the Second African Regional Workshop on Communications (ARWOC2), Edited by F. F. Tsubira, September 1998. ISBN-90-74249-20-5.
55. F. F. Tsubira, G. Bryant, K. Holleboom, H. Mgombelo, "The African Telecom Research Project: A Vehicle for Knowledge Transfer", Proc. Africa Telecom 98, 4 - 8 April 1998, Johannesburg.
56. F. F. Tsubira, "Microwave Communication", First African Regional Workshop on Communications, 1 - 5th September 1997, Dar-es-Salaam, Tanzania.
57. F. F. Tsubira, "Antennas", First African Regional Workshop on Communications, 1 - 5th September 1997, Dar-es-Salaam, Tanzania.
58. "Reverse Conversion Loss of Class A Amplifiers", East African Journal of Engineering, Vol.1, No.2, Sept. 1994 (co-authored with R. D. Stewart).
59. "Low Income Housing", Presented at Housing Workshop - 93, Uganda International Conference Centre, Kampala, 4 August 1993 (Conference Proceedings. pp 181-187) (Invited paper).
60. "Towards Nationwide Telecommunication Systems in Developing countries", UIPE Journal, Vol.2, No. 2, June 1993 (co-authored with S.G. Bakabweyaka).
61. "Energy Options in Uganda", presented at the 1st pan-African Women Engineers, Technicians and Scientist Conference, PAWETS-1, Uganda International Conference Centre, Kampala, 7 - 10 December 1992. (Invited paper)
62. "The UMA Trade Fair: Are we on the Correct Route?", UIPE Journal, Vol. 1, No. 2, Dec. 1992
63. "Laboratory Instruction in Electrical Engineering", Inter University Council for East Africa, Electrical Engineering Subject Meeting, Hotel Triangle, Jinja, Uganda, 8-10 April 1991
64. "The Establishment of a Center for Innovation, Research and Development", Conference on application and Innovation of Technology in Africa, Sheraton Kampala Hotel, Uganda, 17-21 Sept 1990 (Conference Proceedings pp.101-110)
65. "Feed-forward Linearisation of 950 MHz Amplifiers", IEE Proceedings, Vol. 135, Pt H, No. 5, Oct 1988, p. 347-350. (Co-authored with R. D. Stewart)
66. "Predistortion Linearisation of Amplifiers for UHF Mobile Radio", 18th European Microwave Conference, Stockholm, Sweden, 12-15 Sept 1988. (Co-authored with R. D. Stewart).

Research Supervision

Not itemized here, but currently supervising 4 PhD Students (Nora Mulira - completed 2007, Florence Kivunike, Evelyn Kahiigi, Ali Ndiwalana) on sandwich programmes, registered in The Netherlands and Sweden. Have supervised students in Electrical Engineering at the Master of Engineering (5) and Master of Science in Engineering (2) levels; Faculty of Computing and Information Technology, Master in Computer Science (5).

SECTION I: WORKSHOPS, MAJOR TECHNICAL CONFERENCES AND SHORT COURSES ATTENDED:

(To be updated for the period 2004 – 2007. Info here refers to earlier years)

1. World Summit on the Information Society, Geneva, December 2003
2. Workshop on “ICTs for Poverty Reduction: When, Where and How?”, Harvard University, 19 – 20 September 2003, Presided over by Nobel Laureates Amartya Sen and Michael Spence.
3. Networking Africa’s Future, 13 – 16 April 2003, Kwa Maritane Game Lodge, North West Province, South Africa.
4. ITU Africa Telecomm 2001, 12 – 16 November 2001, Johannesburg, South Africa
5. Wireless Vision 2001, 26 – 28 September 2001, St John’s, Newfoundland
6. Bay Bytes 2nd Rural Technology Forum, 23 – 25 September 2001, Port Blandford, Newfoundland
7. WRC 2000: World Radiocommunication Conference, Istanbul, Turkey, 8 May - 2 June 2000
8. EA Telecomm 2000, 24-26 February 2000, Nairobi Kenya
9. Executive Development Programme in Customer Relations, 12-14 November 1999, Entebbe, Uganda (Run for Uganda Communications Commission by Makerere University Business School).
10. Seminar on Partnerships and Rural Telecommunications Development, organised by International Telecommunications Union (ITU) and Uganda Communications Commission (UCC), 3-5 November 1999, Kampala, Uganda (As Conference Chair).
11. Policy and Regulatory Summit of the ITU Telecom '99, 9-15 October 1999, Geneva, Switzerland.
12. ACACIA Ministerial Meeting, 22-23 September 1999, Maputo, Mozambique (Focusing on Rural Internet Connectivity; IDRC funding).
13. International Conference on Electrical Engineering and Technology (ICEET '99) 6-7 September 1999, Dar es Salaam, Tanzania. (Author)
14. Third African Regional Workshop on Communications (ARWOC3), 25 - 30 July, 1999, Lusaka, Zambia. (Author)
15. Afritel '99, 10 - 12 February 1999, Cape Town, South Africa.
16. Utility Regulation Training Course, Entebbe, Uganda, 15-17 December 1998 (Run by Adam Smith Institute for PERD and Ministry of Finance, Planning and Economic Development).
17. Plenipot '98: Plenipotentiary Conference of the International Telecommunications Union, 12th October - 7th November 1998. Minneapolis, U.S.A.
18. Regulator's Training Workshop for the Uganda Communications Commission, 18 - 25th September 1998, Ranch on the Lake: Conducted by Booz-Allen and Hamilton.
19. FIDIC '98: Annual Conference of the International Federation of Consulting Engineers, 6-9 September 1998, Edmonton, Canada.
20. Second African Regional Workshop on Communications, 23rd - 28th August 1998, Kampala, Uganda. (Author)
21. African Telecom '98, 4 - 8 April 1998, Johannesburg, South Africa (Author).
22. Workshop on the Development of a National Strategy for the Implementation of the Acacia Program in Uganda, 8-10 December 1997, Kampala International Conference Centre, Uganda.

23. UNDP/ECA Regional Seminar on the Internet, 13-15 October 1997, Addis Ababa, Ethiopia.
24. First African Regional Workshop on Microwave Communications, 1-5 September 1997, Dar-es-Salaam, Tanzania. (Author)
25. Executive Development Programme in Project Planning and Management, 20-23 August 1997, Jinja, Uganda (Run for Technology Consults Ltd. by Faculty of Commerce, Makerere University).
26. Africon '96 (IEEE Regional Conference), 24-27 September 1996, Stellenbosch, South Africa.
27. Launching of Networking of African Researchers, Pretoria, 26-28 March 1996.
28. Engineering to Survive: Global Solutions for Sustainable Development, London, 18-21 March 1996 (Commonwealth Engineering Council Conference).
29. Africa Telecom '94, Cairo, Egypt, 24-29 April 1994.
30. Management Development Programme: Focus on Management for Young Executives; Faculty of Commerce, Makerere University, 8 - 26 March 1993.
31. Electrical Engineering Education in East Africa; Hotel Triangle, Jinja, Uganda, 8 - 10 April, 1991.
32. Management and Leadership in East African Universities; Hotel 77, Arusha, Tanzania, 3 - 7 September 1990.
33. 18th European Microwave Conference, Stockholm, Sweden, 12 - 15 September 1988 (Author).

SECTION J: EDUCATIONAL BACKGROUND

1. Oct 1985 - Oct 1988 : Research student, University of Southampton, England (PhD) (UK Commonwealth Scholar)
2. Sept 1976 - Feb 1979 : Research student, University of New Brunswick, Canada (Master's degree by research) (Canadian Commonwealth Scholar)
3. Jul 1971 - Mar 1975 : Undergraduate student, Makerere University, Kampala, Uganda
4. Jan 1969 - Dec 1970 : Higher Certificate of Education student, Busoga College Mwiri (State Scholar)
5. Jan 1966 - Dec 1968 : General Certificate of Education student, Busoga College Mwiri (skipped senior 2) (State Scholar)
6. Jan 1962 - Dec 1965 : Mwiri Primary School
7. Jan 1961 - Dec 1961 : Iganga Demonstration School
8. Jan 1958 - Dec 1960 : Kamuli Boys Primary School

SECTION K: SOCIETAL ASSIGNMENTS

1. Training Leader, Rotary International, January 2010 to date.
2. District 9200 District Rotary Foundation Committee Chair, July 2009 to date.
3. Technical Coordinator for Education and Literacy, the Rotary Foundation Cadre of Technical Advisors, 2007 to date.
4. District Humanitarian Grants Chair, Rotary District 9200, July 2008 to June 2009.
5. District Trainer, Rotary District 9200 (July 2007 to June 2008)
6. District Governor, Rotary District 9200 (June 2006 – July 2007)

7. Assistant Governor, Rotary District 9200 (2002/3 and 2003/4)
8. District Fund Co-ordinator (Uganda) for 1998/99 and 2000/1, Rotary District 9200 (Uganda, Kenya, Tanzania, Ethiopia, Eritrea)
9. District Treasurer (1997/98), Rotary District 9200 (Uganda, Kenya, Tanzania, Ethiopia, Eritrea) Member of the Board, AbleChildAfrica, a UK based Charity (2006 to 2008)
10. Chairman, Trustees and Council, USDC, (2005 to 2008)
11. Trustee, Uganda Society for Disabled Children, (2000 to date)
12. Chairman, Board of Governors, Busoga College Mwiri (2005 to date)
13. Member of the Board of Governors, Busoga College Mwiri, (2000 - 2005)
14. Member, Provincial Board of Education, Church of Uganda (2000 to date)
15. Chairman, Board of Education, Busoga Diocese, Church of Uganda (2000 to date)
16. Member of the Diocesan Council, Busoga Diocese, Church of Uganda (1999 to date).
17. Member of the Synod, Busoga Diocese, Church of Uganda (1999 to date)
18. Chairman of Council, Namasagali University (2007 to date)
19. Member of the Board, Namasagali University (1999 to date)
20. Member of the Board of Directors, Busoga University (1996 to 2000).
21. Member of the Rotary Club of Kampala North (Secretary 1994 - 96, Vice-President 1996/97, President Elect, 1997/98, President 1998/99, Project Coordinator 1999/2000)
22. Rotary Volunteer and Advisor to The Rotary Foundation, given service in Nigeria (Abba), Ethiopia, Tanzania (Arusha area), Kenya (Nandi Hills area), and India (Nana Karodia within the Gujarat earthquake disaster zone). (Since 1999)
23. Member of Gayaza High School Parents Teachers Association Executive and Chairman, Works and Development Committee (1994 to 2002)
24. Member, St. Stephen's Hospital Project, Mpererwe COU, Management Committee (1994 to 2006). Vice-Chairman, 1996 to 2006

F F Tusubira
Dec 2009