CEEVEE FOR F F TUSUBIRA
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Contents

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Kampala Uganda
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SECTION A: BIODATA

1. *Name:*   Francis F. "Tusu" Tusubira
2. *Date of Birth:*   29th May 1952
3. *Marital Status:*   Married
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: KEY PERSONAL RECOGNITIONS/HONOURS

1. Recipient of the Engineers Registration Board Award of Excellence in recognition of outstanding contribution to the Engineering Profession – 2016
2. Recipient of the Meritorious Service Award of The Rotary Foundation of Rotary International – 2014
3. Recipient of the 2014 African continental level Network Information and Infrastructure Service Award
4. Recipient of the UIPE Presidential Citation of Merit for Exemplary Support of the Institution and the Profession of Engineering – 1998

SECTION D: PERSON PROFILE

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; digital agendas; ICT as a tool for development; regulation and regulatory issues; research and education networks (RENs); information and communication technology (ICT) infrastructure design and implementation

A transformational 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.

Sociable, and socially responsible, with focus on sustainable development for the disadvantaged and marginalised sections of society: an active Rotarian

Driving philosophy:
        "Be the change you want to see in the world" – *Mahatma Gandhi*

SECTION E: 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 F: SPECIAL AND GENERAL ASSIGNMENTS:

1. *January 2012 to January 2018*
   Chair, National Information Technology Agency, Uganda

2. *August 2008 – July 2014*
   Member of the Board, Tertiary Education Network (TENET), South Africa.

3. *April 2008 to March 2016*
   Member, Busitema University Council and Chairperson, Appointments Board

4. *February 2008 – 2011*
   Member of the Board, Internet Educational Equal Access Foundation

5. *October 2007 - January 2015*
   CEO, UbuntuNet Alliance for Research and Education Networking

6. *March 2007 – March 2011*
   Member, National Citizenship and Immigration Board, Uganda

7. *March 2007 – 2008*
   Chairman of Council, Namasagali University

8. *Nov 2006 – January 2015*
   Member of the Board, UbuntuNet Alliance for Research and Education Networking

9. *July 2006 – 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

10. *June 2006 – 2011*
    Member of the ICT Advisory Board for the Association of African Universities

11. *July 2006 – June 2007*
    District Governor, Rotary District 9200 (Eritrea, Ethiopia, Kenya, Uganda and Tanzania)

12. *2006 – 2010*
    Member of the ICT Committee of the Presidential Investors Round Table (Uganda)

13. *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

14. *Sept 05 – Jan 06:*
    Chaired the Task Team that developed the new Telecommunications Sector Policy for Uganda (see also www.ucc.co.ug)

15. March 2005 – Jan 2008:
NetTel@AfricaDirector.NetTel was a capacity building network for ICT policy makers and regulators in Africa covering Eastern, Western and Southern Africa.

16. Dec 2003
Chair, Senate Ad Hoc Committee that developed proposals for streamlining of the Vice Chancellor search process

17. 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.

18. Dec 2001 – May 2007
Chair, Uganda Development Gateway (UDG) Working Group, later elected Chairman of the Board of Directors. The UDG was 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 info*Dev*)

19. May 2000 – May 2005
Member, Electricity Regulatory Authority, Uganda – a part-time policy board of 5people responsible for regulatory policy, licensing, and sector monitoring

20. April 2000 – 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

21. August 1998 – Jan 2005
Commissioner, Uganda Communications Commission –a part-time policy board of 7 people responsible for regulatory policy, licensing, and sector monitoring

22. 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.

23. May 2000
Head of Uganda Delegation to the World Radio Communication Conference, Istanbul, Turkey

24. June 1998 – June 2001
Member, Mbarara University of Science and Technology Appointments Board

25. Nov. 1998 – Mar 1999
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.

26. *August 1998*
   Technical Advisor to a Ministerial Delegation to U.S.A in negotiations for an Institute of Technology

27. *1996*
   Member of the Task Team for the Establishment of Busoga University, and later a member of the first Board of Directors

28. *1995 – 2000*
   Member of the Senate Appeals Committee, Makerere University

29. *1994 – 2000*
   Member of the Senate Science Committee

30. *1993 – 1995*
   Member of the Senate Higher Degrees Committee

31. *May 1992*
   Member, Committee of Inquiry set up by Cabinet Directive to investigate the fire at Owen Falls Power Station and related matters

32. *April 1992*
   Member, University Appointments Board Committee of Inquiry into the Dept of Social Work and Social Administration

33. *April 1991*
   Member of the Committee of Inquiry into the Makerere University School of Education (for the Makerere University Appointments Board)

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

SECTION G: SELECTED CONSULTANCIES/STUDIES/RESEARCH:

1. *August 2021 – ongoing*
   Lead Consultant on National ICT Usage Survey for the National Information Technology Agency – Uganda

2. *June 2021 – March 2022*
   Lead Consultant on Development of the Uganda Broadband Baseline and Infrastructure Blueprint for the Ministry of ICT and National Guidance, funded by the World Bank

3. *June 2020 – April 2021*
   Lead Consultant on Evaluation of International Training Programme ICT Regulation – Policy and Practice, Swedish Programme for ICT in Developing Regions

4. *May 2020 –*
   Lead Consultant on Feasibility Study for Connecting all African Universities to Broadband, World Bank Group

5. *Nov 2019 – May 2020*
   Project Manager on Consultancy services for the Institutional and Organisational Review of the Expanding Social Protection Programme Management Unit, funded by DFID and Irish Aid in support of the Ministry of Gender, Labour and Social Development

6. *1 April 2019 – September 2019*
   Consultancy services to guide the Integration of the Rwanda Education Management Information Systems, funded by UNICEF Rwanda in support of the Ministry of Education

7. *Dec 2017 – Dec 2018*
   Cooperation in the Development of Information and Communication Technologies is Africa Phase II – Final Evaluation, for the United Nations Economic Commission for Africa and the Ministry of Foreign Affairs, Finland.

8. *July – August 2017*
   Rapid Assessment of ICT at Makerere University, for Sida and Makerere University

9. *Dec 2016 – May 2017*
   Lead Consultant under Knowledge Consulting, Development of an ICT Policy and Master Plan for the University of Rwanda

10. *Sept – Dec 2016*
    Development of an ICT Policy and Master Plan for the Royal University of Phnom Penh, Cambodia

11. *August 2016 to March 2017*
    Lead Consultant under Knowledge Consulting, Development of the Rural Communications Development Policy for Uganda (for the Uganda Communications Commission)

12. *Dec 2015 – February 2016*
    Lead Consultant under Knowledge Consulting, Digital Financial Services in Uganda and Tanzania, for IDEO

13. *Sept 2015 – December 2016*
    Lead Consultant under Knowledge Consulting, Study of the ICT Environment at the Royal University of Phnom Penh

14. *February 2015 – August 2015*
    Consultant under Delft University of Technology, Assessment of ICT at selected universities within Eastern Africa, for the Swedish International Development Agency

15. September 2014 – October 2015

Lead Consultant under Knowledge Consulting Ltd, A Study of Communications Services and Infrastructure Across the Country, for Uganda Communications Commission

16. March 2014 – Jan 2015

Lead Consultant under Knowledge Consulting, Analysis of the Access and Usage of Communications Services in Uganda, for Uganda Communications Commission

17. May 2013 – May 2014

Lead Consultant under Knowledge Consulting, Development of an ICT Regulatory Governance Framework for the Ministry of CIT, Ethiopia

18. 2013

Lead Consultant under Knowledge Consulting, Development of a Strategic Plan for the Law Development Center, Uganda

19. 2013

Lead Consultant under Knowledge Consulting, with Neil Butcher Associates as co-leader: Development of an Impact Evaluation Framework for the NEPAD e-Schools Project

20. 2013

Lead Consultant under Knowledge Consulting, Study on Counterfeit Phones in Uganda for the Uganda Communications Commission

21. Jan – Nov 2011

Education Sector Lead Consultant under the e-Transform Africa Study conducted by the African Development Bank/ World Bank/ African Union Commission (working under ictDevelopment Associates)

22. Sept 2011 – Dec 2012

Lead, under Knowledge Consulting, for the Uganda Telecommunications Sector Review 2011 (for Research ICT Africa)

23. Nov 2009 – March 2012

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

24. June 2009 – April 2010

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)

25. January 2009 – June 2009

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

26. March 2009 – Dec 2009

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

27. April 2009 – Dec 2009

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

28. November 2008 – March 2009

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

29. 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).

30. 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

31. May 2007 – June 2008

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

32. 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

33. 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).

34. 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)

35. May/June 2006

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

36. 2004 – October 2007

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

37. *April 2005 – March 2006*

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

38. *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.

39. *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.

40. *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.

41. *2000*

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

42. *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)

43. *1998*

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

44. *1998 – 2000*

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

45. *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.

46. *Apr 1996 – June 1996*

Communications Consultant to the Interim Electoral Commission

47. *1994 – 2000*

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

48. *1993 – 1996*

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

49. *1993*

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

50. *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

51. *1992*

Consultant on the Energy Sector (under Technology Consults Ltd.) under the UNIDO sponsored project: "Building Endogenous Capacity in Science and Technology".

SECTION H: EMPLOYMENT RECORD

Retired from formal employment at the end of 2007 and founded, along with others, Knowledge Consulting Limited for which I am the managing partner. All long term paid engagements after 2007 are on a consultancy basis, and are listed in Section E.

Was employed by Makerere University from March 1975 to 2007, conducting research, instruction, and management, and rising through the academic levels to the level of Associate Professor (Telecommunications)

Management levels in the university included Head, Department of Electrical Engineering; Associate Dean, Faculty of Technology; and Director, Directorate for ICT Support.

The Faculty has a consulting arm, Technology Consults Ltd (see http://www.teco.co.ug/) through which academic staff practice, and for which I was a part-time Manager for 7 years during its formative stages, seeing its income grow from shs 2million to more than shs 500million at the time of stepping down.

1	Jan 2015 – to date	Managing Partner, Knowledge Consulting Ltd
2	2007 – 2014	CEO, UbuntuNet Alliance for Research and Education Networking
3	2001 – 2007	Director, Directorate for ICT Support, Makerere University (ICT Policy and Master Plan establishment; Implementation of ICT Services and Systems
4	1997 – 1999	Associate Dean, Faculty of Technology
5	1993 – 2000	Financial Director, Technology Consults Ltd., Consulting arm of the Faculty of Technology)

6	1993 – 1998	Business Manager (Part-time), Technology Consults Ltd. (Consulting Company of the Faculty of Technology)
7	1990 – 1993	Head, Dept. of Electrical Engineering, MakerereUniversity
8	2001 – 2007	Associate Professor (Telecommunications), Makerere University
9	1985 – 2001	Senior Lecturer, Dept. of Electrical Engineering,Makerere University
10	1979 – 1985	Lecturer, Dept. of Electrical Engineering, MakerereUniversity
11	1975 – 1977	Tutorial Fellow, Dept. of Electrical Engineering, Makerere University

SECTION I: 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

A. As Main Author

1. Tusubira F.F., Lishan A., Ndiwalana A., "Breaking the Final Connectivity Barriers for Higher Education Institutions in Africa: The Next Steps and A Call to Action", Nov 2021. https://kcl.co.ug/resources/breaking-final-connectivity-barriers-heis-africa
2. Tusubira F.F., "National Research and Education Networks – A Strategic Opportunity for National Development", July 2017 (Policy Brief for Policy Makers and Regulators commissioned by the UbuntuNet Alliance)

3. Tusubira F.F., "Creating the 21st Century Universities in Africa with the Support of Research and Education Networks", July 2016 (Policy Brief for Vice-Chancellors and Rectors commissioned by the UbuntuNet Alliance)

4. Tusubira F. F., Ndiwalana A., Dindi S., Obbo H., "The Impact of Improved Access and Connectivity On Intellectual Property Output: Baseline Report" Proc of UbuntuNet-Connect, Nov 2011, Nairobi, Kenya

5. Tusubira F.F., Adams L., Butcher N., Claire S., "e-Transform Africa, Education Sector Report", Nov 2011. http://www.etransformafrica.org/study/final-report-and-executive-summary-education

6. 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.

7. 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.

8. Tusubira F. F., Mulira K. N., 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

9. Tusubira F.F. and Ndiwalana A. "University-Industry Linkages for Development: The Case of Uganda." (2006). (Research commissioned by the World Bank).

10. Tusubira, 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

11. Tusubira 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.

19. Tusubira 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. Tusubira 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. Tusubira F. F., "INFORMATION AND COMMUNICATION TECHNOLOGY: The Emumbwa of The Knowledge Society or The Rebirth of Ignorance"

22. Tusubira F. F., "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. Tusubira F. F., "Policies and Laws that direct the ICT Sector in Uganda – A Critique" Presented at the World Telecommunications Day Symposium 17th May 2005, Kampala

24. Tusubira F. F., "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. Tusubira F. F., "Taking Development to the People in Africa" Keynote Address, Annual Techie Event, 6 – 8 October 2004, Port Elizabeth Polytechnic, South Africa.

26. Tusubira F. F. and Mulira N., "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. Tusubira F. F., "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. Tusubira F. F., "Information and Communication Technology In Institutional Management", Uganda National Council for Higher Education Capacity Training Workshop, 26 – 30 July 2004, Nile Resort, Jinja

29. Tusubira F. F., "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. Tusubira F. F., "The Future of Telecommunications and Its Regulation" *Invited Presentation,* Western Conference of Public Service Commissioners, 13 – 16 June 2004, Anchorage, Alaska.

31. Tusubira F. F., "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. Tusubira F. F., "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. Tusubira F. F., "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.

34. Tusubira F. F. and Kyeyune A., "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).

35. Tusubira F. F., "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. Tusubira F. F., "Supporting Universities ICT Developments: The Makerere University Experience", *Invited Presentation* to the CODESIRIA General Assembly, 8 – 12 December 2002.

37. Tusubira F. F., "Industrialisation: Retracing the Path to Economic Failure?" *Invited Paper*, Makerere University Business Conference, 5 – 6 December 2002.

38. Tusubira F. F., "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. Tusubira F. F. et al, "ICT Implementation Strategies and Challenges for Enterprises in Africa", ITU Africa Telecomm 2001, 12 –16 November 2001, Johannesburg, South Africa

40. Tusubira F. F., "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

41. Tusubira F. F., and KyeyuneA., "What is Information and Communication Technology?", ICT Awareness workshop, 6 – 7 July 2001, University Library, Makerere University

42. Tusubira F. F. et al, "Information and Communications Technology as a tool for Modernisation", UIPE, 6th National Technology Conference, 3rd - 4th May 2001, Uganda International Conference Center

43. Tusubira F. F., "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

44. Tusubira F. F., "Mathematics in Communication: Introduction to Coding", A Public Lecture to the Uganda Mathematics Society

45. Tusubira F. F., "Regulation in the Converging Data and Voice Market", EA Telecom 2000, 24-26 February 2000, Nairobi, Kenya (*Invited Paper*)

46. Tusubira F. F., 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.

47. Tusubira F. F., Kagoro J. S. T., Kyeyune A., "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.

48. Tusubira F. F., "Telecommunications Regulation and Technology: Opportunities and Challenges", Proc. 3rd African Regional Workshop on Communications (ARWOC3), 26 - 29 July 1999, Lusaka, Zambia.

49. Tusubira F. F. and Kyeyune A., "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.

50. Proceedings of the Second African Regional Workshop on Communications (ARWOC2), Edited by F. F. Tusubira, September 1998. ISBN-90-74249-20-5.

51. Tusubira F. F., "Radiation and Antennas" (Tutorial paper) Proc. Second African Regional Workshops on Communications (ARWOC2), 23-28 August 1998, Kampala, Uganda.

52. Tusubira F. F., "Communications: Getting the Message Across", Proc. Second African Regional Workshop on Communications (ARWOC2), 23-28 August 1998, Kampala, Uganda.

53. Tusubira F. F., "Radio Interference: Causes and its Mitigation", Proc. Second African Regional Workshop on Communications (ARWOC2), 23 - 28 August 1998, Kampala, Uganda.

54. Tusubira F. F., 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.

55. Tusubira F. F., "Microwave Communication", First African Regional Workshop on Communications, 1 - 5th September 1997, Dar-es-Salaam, Tanzania.

56. Tusubira F. F., "Antennas", First African Regional Workshop on Communications, 1 - 5th September 1997, Dar-es-Salaam, Tanzania.

57. Stewart R.D. and Tusubira F. F., "Reverse Conversion Loss of Class A Amplifiers", East African Journal of Engineering, Vol.1, No.2, Sept. 1994.

58. Tusubira F. F., "Low Income Housing", Presented at Housing Workshop - 93, Uganda International Conference Centre, Kampala, 4 August 1993 (Conference Proceedings. pp 181-187) (Invited paper).

59. Tusubira F. F. and Bakabweyaka S. G., "Towards Nationwide Telecommunication Systems in Developing countries", UIPE Journal, Vol.2, No. 2, June 1993.

60. Tusubira F. F., "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)

61. Tusubira F. F., "The UMA Trade Fair: Are we on the Correct Route?", UIPE Journal, Vol. 1, No. 2, Dec. 1992

62. Tusubira F. F., "Laboratory Instruction in Electrical Engineering", Inter University Council for East Africa, Electrical Engineering Subject Meeting, Hotel Triangle, Jinja, Uganda, 8-10 April 1991

63. Tusubira F. F., "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)

64. Tusubira F. F., "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)

65. Tusubira F. F., "Pre-distortion Linearisation of Amplifiers for UHF Mobile Radio", 18th European Microwave Conference, Stockholm, Sweden, 12-15 Sept 1988. (Co-authored with R. D. Stewart).

B. As Co-author

1. Contributor to **Love Ekenberg et.al**; "Deliberation, Representation, Equity: Research Approaches, Tools and Algorithms for Participatory Process", Open Book Publishers, 2017, ISBN 978-1-78374-303-2

2. **Kahiigi K. E.,** Vesisenaho M., Tusubira F.F., Hansson H., and Danielson M., (2012) "Peer Assignment Review Process for Collaborative E-learning: Is the Student Learning Process Changing?" (IJACSA) International Journal of Advanced Computer Scienceand Applications, Vol. 3, No. 12, 2012, pp 149 -155.

3. **Kahiigi K.E.,** Vesisenaho M., Hansson H., Danielson M., and Tusubira F.F. (2012). "Modelling a Peer Assignment Review Process for Collaborative E-learning". Journal of Interactive Online Learning, Volume 11, Number2, pp 67-79.

4. **Kivunike F. N.,** Ekenberg L., Danielson M., and Tusubira F. F., "Developing criteria for the evaluation of the ICT contribution to social and economic development". Sixth Annual SIG GlobDev Pre-ICIS Workshop, Milan, Italy, 2012.

5. **Kahiigi K.E.,** Hansson H., Danielson M., Tusubira F.F. and Vesisenaho M., "Collaborative E-learning in a Developing Country: A University Case Study in Uganda". 10th EuropeanConferenceone–LearningECEL-2011, Brighton Business School, University of Brighton, UK. ISBN: 978-1-908272-23-2.

6. **Kivunike F. N.,** Ekenberg L., Danielson M. and F. F. Tusubira F.F., (2011). "Perceptions of the role of ICT on quality of life in rural communities in Uganda". Information Technology for Development17(1): 61-80.

7. **Kahiigi K.E**., Danielson M., Hansson H., Ekenberg L., Tusubira F.F. "An EmpiricalInvestigationofStudents'PerceptionsofE-learninginUganda".IST-Africa2009 Conference Proceedings, Kampala, Uganda. ISBN: 978-1-905824-11-3.

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Multi-Conference on Computer Science and Information Systems, Algarve, Portugal, 2009. ISBN: 978-972-8924-83-6. Availableathttp://www.iadisportal.org/digital-library/criticism-of-e-learning-adoption-and-use-in-developing-country-contexts

9. **Kivunike F. N.,** Ekenberg L., Danielson M., Tusubira F. F., (2009). "Investigating Universal Access from a Human Development Perspective". IADIS International Conference ICT, Society and Human Beings, Algarve, Portugal, 2009.

10. **Kivunike, F. N.,** Ekenberg L., Danielson M., Tusubira F.F., "Examining Contextual Factors that Influence ICT Adoption in Rural Communities in Uganda". IST Africa 2009 Conference, Kampala, Uganda.

11. **Kahiigi K.E.,** Ekenberg L. H., Tusubira F.F., 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. ISBN: 978-972-8924-58-4. Available at http://www.iadisportal.org/digital-library/explorative-study-of-e-learning-in-developing-countries-a-case-of-the-uganda-education-system

12. **Kahiigi K.E.,** Ekenberg L., Hansson H., Tusubira F.F., Danielson M., "Exploring the e-Learning State of Art". The Electronic Journal of e-Learning 6(2), pp.77-88, 2008. Available at: http://www.ejel.org/issue/download.html?idArticle=67

13. **Kivunike N. F.,** Ekenberg L., Danielson M., Tusubira F. F., "Using a Multi-Criteria Tool for Selecting ICT Development Initiatives". IST-Africa 2008 Conference Proceedings, Conference, Windhoek Namibia, 7th – 9thMay 2008, ISBN: 978-1-905824-07-6.

14. **Kivunike N.F.,** Ekenberg L., Danielson M., Tusubira F. F., "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.

15. **Ndiwalana A.,** Tusubira 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. **Ndiwalana A.,** Esselaar S., Tusubira F.F., Stork C., "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.

17. **Shirley Mary M.,** Tusubira F. F., Gebreab F., Haggarty L., "Telecommunications Reform in Uganda", World Bank Development Research Group, Policy Research Working Paper 2864, June 2002.

SECTION I: EDUCATIONAL BACKGROUND

No.	Period	Award
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 J: SOCIETAL ASSIGNMENTS

1. Member of the Rotary Foundation Programmes of Scale Selection Committee (2020 to date)
2. Member and later Vice-Chairperson, Rotary International Strategic Plan Committee (July 2016 – June 2019)
3. Member, Rotary Foundation Programs Committee (July 2015 – June 2019)
4. Vice-Chairperson, the Rotary Foundation Cadre of Technical Advisers (to June 2016)
5. Represented the Rotary International President at Rotary District Conferences in Accra, San Diego (2019), and Brisbane (2020)
6. Training Leader, Rotary International, 2011.
7. Member of the RI Micro-Credit Advisory Committee
8. District 9200 District Rotary Foundation Committee Chair, July 2009 to July 2013.
9. Technical Coordinator for Education and Literacy, the Rotary Foundation Cadre of Technical Advisors, 2007 to 2010.
10. District Humanitarian Grants Chair, Rotary District 9200, July 2008 to June 2009.
11. District Trainer, Rotary District 9200 (July 2007 to June 2008)
12. District Governor, Rotary District 9200 (June 2006 – July 2007)
13. Assistant Governor, Rotary District 9200 (2002/3 and 2003/4)
14. District Fund Co-ordinator (Uganda) for 1998/99 and 2000/1, Rotary District 9200 (Uganda, Kenya, Tanzania, Ethiopia, Eritrea)
15. District Treasurer (1997/98), Rotary District 9200 (Uganda, Kenya, Tanzania, Ethiopia, Eritrea)
16. Member of the Board, AbleChildAfrica, a UK based Charity (2006 to 2008)
17. Chairman, Trustees and Council, USDC, (2005 to 2008)
18. Trustee, Uganda Society for Disabled Children, (2000 to date)
19. Chairman, Board of Governors, Busoga College Mwiri (2005 to 2012)
20. Member of the Board of Governors, Busoga College Mwiri, (2000 to 2012)
21. Member, Provincial Board of Education, Church of Uganda (2000 to 2014)
22. Chairman, Board of Education, Busoga Diocese, Church of Uganda (2000 to 2014)
23. Member of the Diocesan Council, Busoga Diocese, Church of Uganda (1999 to 2014).
24. Member of the Synod, Busoga Diocese, Church of Uganda (1999 to date)
25. Chairman of Council, Namasagali University (2007 to 2009)
26. Member of the Board, Namasagali University (1999 to 2009)
27. Member of the Board of Directors, Busoga University (1996 to 2000).
28. Member of the Rotary Club of Kampala North (Secretary 1994 - 96, Vice-President 1996/97, President Elect, 1997/98, President 1998/99, International Projects Coordinator 1999/2000)
29. Rotary Volunteer and Advisor to The Rotary Foundation, given field service in the Kalahari (with the Khomeni San), Nigeria (Abba), Ethiopia, Tanzania (Arusha area), Kenya (Nandi

Hills area), and India (Nana Karodia within the Gujarat earthquake disaster zone). (Since 1999)

30. Member of Gayaza High School Parents Teachers Association Executive and Chairman, Works and Development Committee (1994 to 2002)

31. Member, St. Stephen's Hospital Project, Mpererwe COU, Management Committee (1994 to 2006). Vice-Chairman, 1996 to 2006

F F Tusubira
March 2022