



PROGRAM

GHANA TECHNOLOGY UNIVERSITY COLLEGE AND AALBORG UNIVERSITY



3rd GTUC – CMI INTERNATIONAL CONFERENCE

The Future of Mobile ICTs & New Media in Africa

<i>Day 1 – May 27</i>	<i>Conference Program</i>
08:30 – 09:30	<i>Registration of Participants</i>
09:30 – 10:30	<p>OPENING SESSION – Florence Onny AUDITORIUM</p> <p>Chairpersons: <i>Dr. Osei K. Darkwa & Prof. Knud Erik Skouby</i></p> <p><i>Welcome to the Conference: Dr. Robert Awuah Baffour, Vice President of GTUC</i></p> <p><i>Overview of the Conference: Prof. Knud-Erik Skouby, Director of CMI</i></p> <p>Address by the Special Guest of Honour:</p> <p>Mobile ICT and New Media - The Implications of Social Networks on Academic Work</p> <p>Prof. Ernest Aryeetey, Vice Chancellor, University of Ghana, Legon</p>
10:30– 11:00	<i>Group Photograph & Tea Break</i>
11:00 – 12:00	<p>Panel Discussion 1: Mobile ICT and New Media: Prospects and Challenges</p> <p>Chair: <i>Alex Sulzberger, CEO, Ecoband Networks, Accra</i></p> <p>Panel Discussion</p> <p><i>Knud-Erik Skouby, Professor & Director, CMI, Aalborg University</i></p> <p><i>Laurent Gille, Télécom ParisTech</i></p> <p><i>Dr. Godfred Frempong, Deputy Director, STEPRI, CSIR</i></p>
12:00 – 13:00	<i>Lunch</i>
13:00 – 14:30	<p>Paper Session 1: Mobile ICT Policy Issues</p> <p>Venue: VCC</p> <p>Chair: <i>Dr. Peter Tobbin, Pentecost University College</i></p> <p>Backbones in Africa: Policy and Regulatory Issues <i>By Laurent Gille, (Télécom ParisTech)</i></p> <p>The Role of Community Based Networks in The Development of Rural Broadband: The Case of Djurslandsnet in Denmark and Lessons for Rural Sub-Saharan Africa. <i>By Idongesit Williams, Ph.D. Fellow, (CMI, Aalborg University)</i></p> <p>Investigating The Applicability of Dynamic Pricing to Ghana’s Telecom Infrastructure Market <i>By Alexander Osei-Owusu, (GTUC) and Dr. Stephen E. Armah, (Ashesi University)</i></p> <p>Mobile Government in Developing Country; A Citizen Centric Approach to Policy Formulation <i>By Fauziatu Salifu, Ph.D. Fellow, (CMI, Aalborg University)</i></p>
14:30 – 14:50	<i>Afternoon Tea Break</i>
14:50 – 15:30	<p>WWRF Book Presentation: Mobile in Africa</p> <p><i>Dr. Ezer Osei Yeboah-Boateng, Coordinator, GTUC-CMI International ICT Conference</i></p> <p><i>Knud-Erik Skouby, Professor & Director, CMI, Aalborg University</i></p>
15:30 – 17:00	<p>Paper Session 2A: ICT in Businesses</p> <p>Venue: VCC</p>

PROGRAM



GHANA TECHNOLOGY UNIVERSITY COLLEGE AND AALBORG UNIVERSITY



	<p>Chair: <i>Dr. Francis Boateng Agyenim, Dean, Graduate School, GTUC</i></p> <p>Marginality, Transnational Mobilities and Social Networks – Understanding Mobile Phone Practices and Livelihood Strategies Among Ghanaian Women Traders <i>By Dr. Janet D. Kwami, (Communication Studies, Furman University, USA)</i></p> <p>The Effect of Mobile Phone on Agricultural Development: A Case of Smallholder Farmers in Machakos <i>By Dr Isaac Mutwiri Mutunga, (Multimedia University of Kenya, Kenya)</i></p> <p>An Assessment of the Challenges of Electronic Office in some Tertiary Institutions in Katsina State. <i>By Abubakar Ammani, (Hassan Usman Katsina Polytechnic, Katsina State, Nigeria)</i></p> <p>The Use of Social Media Applications for Intra-organizational Knowledge Transfer <i>By Albert Gyamfi, Ph.D. Fellow, (CMI, Aalborg University)</i></p>
15:30 – 17:00	<p>Paper Session 2B: E-Library & Related Issues</p> <p>Venue: <i>President's conference room</i></p> <p>Chair: <i>Dr. Jacob Adopley, GTUC</i></p> <p>The Impact of Cyber Cafes and Telecom Centres: A Panacea for Empowering Library and Information Science Students in Nigerian Universities. <i>By Princess Bridget Terfa Ikyembe, (Ahmadu Bello University)</i></p> <p>Application of Information and Communication Technologies (ICTs) in Academic Libraries in Nigeria: Issues and Challenges. <i>By Kabir Shehu, (Hassan Usman Katsina Polytechnic, Katsina State, Nigeria)</i></p> <p>The Impact of MTN-Net Library Universities Connect on Academic Library Services Use by Students in Kashim Ibrahim Library, Ahmadu Bello University, Zaria. <i>By Princess Bridget Terfa Ikyembe, (Ahmadu Bello University)</i></p> <p>The Need for Integrating Mobile Phone into Teaching & Learning Process in Nigeria Institutions of Higher Learning. <i>By Idris Na'Umma Abdullahi</i></p>
17:05 – 17:15	<p><i>Closing Remarks & Announcements</i></p> <p><i>Dr. Osei K. Darkwa & Prof. Knud-Erik Skouby</i></p>

Day 2 – May 28	Conference Program
	PLENARY SESSION – FLORENCE ONNY AUDITORIUM
09:00 – 09:10	Welcome to the Conference: <i>Dr. Robert Awuah Baffour, Vice President, GTUC</i> <i>Prof. Knud-Erik Skouby, Director of CMI</i>
09:10 – 10:00	<p>Panel Discussion 2: Mobile Learning in Africa</p> <p>Chair: <i>Prof. Reza Tadayoni, CMI, Aalborg University</i></p> <p>Panel Discussants: <i>Prof. Morten Falch, CMI, Aalborg University</i> <i>Prof. Patrick Otoo Bobbie, Registrar, GTUC</i> <i>Dr. Josephine Larbi-Apau, Head, COLT, GTUC</i> <i>Owusu Barfi-Adomako, University of Ghana</i></p>

PROGRAM



GHANA TECHNOLOGY UNIVERSITY COLLEGE AND AALBORG UNIVERSITY



10:00 – 10:20	<i>Morning Tea Break</i>
10:20 – 12:10	<p>Paper Session 3A: Future Technologies I <i>Venue: VCC</i> Chair: <i>Dr. Ezer Osei Yeboah-Boateng, Coordinator, International ICT Conference, Ghana</i></p> <p>Service Level Analysis of TCP and UDP Protocol Using Software based Model, Wireshark. <i>By S. Garba, B.O. Sadik, S. Salisu, Y. Ibrahim, (Ahmadu Bello University, Zaria)</i></p> <p>Formal Approach for Investigating SPIT Scenario. <i>By Mohammed Ibrahim (Kaduna State Uni.), Mohd Abdullah, Mohd Basheer Jasser, Ali Dehghantanha, (Universiti Putra Malaysia)</i></p> <p>GPRS Based Automatic Metering System. <i>By Constant Akama, F. Kulor, F. Agyemang</i></p> <p>Comparative Analysis of ANN and ANFIS in Forecasting GSM HOSR. <i>By S. Garba, A. Mustapha, B. Yahaya, S. Salisu, (Ahmadu Bello University, Zaria)</i></p> <p>Impact of Mobile Information and Communication Technology on Cybercrime in Nigeria. <i>By Oyenike Mary Olanrewaju & Faith Oluwatosin Adebisi, (Federal University Dutsin-Ma, Katsina State, Nigeria)</i></p>
	<p>Paper Session 3B: Regulation, Diffusion & Adoption of ICT <i>Venue: President's Conference Room</i> Chair: <i>Dr. Stephen Armah, Ashesi University</i></p> <p>Adoption of e-Pay Slip Services by Government Workers: The Role of Socio Demographic, Economic and Geographic Predictors. <i>By Kwame Simpe Ofori, Dr. E. Yeboah-Boateng, Eli Fianu, Nii Afotey Odai, (GTUC)</i></p> <p>Are People Taking Their Tablets Serious? A Case Study of How People Use Their Tablet in Ghana. <i>By Dr. Nana Kofi Annan, (Winsconsin University College, Ghana)</i></p> <p>Differences in Competitor Attraction, Personal and Social Switching Factors Among Porters and Non-porters of Mobile Number Portability in Ghana. <i>By Simon Gyasi Nimako and Dr. Benjamin Aggrey-Ntim (A.I.T.)</i></p> <p>Factors Affecting Adoption Intentions and Usage of Academic Social Media Sites Among Students in Ghana. <i>By Kwame Simpe Ofori (GTUC) and Simon G. Nimako (A.I.T.)</i></p> <p>Application of Mobile Communications in Teaching: Prospects & Challenges for Mobile Learning Process in Nigeria. <i>By Muktar Aminu</i></p>
12:10 – 13:00	<i>Lunch</i>
13:00 – 14:15	<p>Paper session 4A: E-learning Venue: Florence Onny Auditorium Chair: <i>Dr. Robert Awuah Baffour, Vice President, GTUC</i></p> <p>Understanding LMS Implementation in Higher Educational Institutions: a Hermeneutical Perspective. <i>By Benjamin Kwofie, Ph.D. Fellow, Prof. A. Henten, Dr. N.K. Annan, Dr. D.M.O. Adjin</i></p>

PROGRAM



GHANA TECHNOLOGY UNIVERSITY COLLEGE AND AALBORG UNIVERSITY



	<p>Computer Games and the Teaching and Learning of Mathematics in Nigerian Primary Schools. <i>By Dr Ayotola Aremu</i></p> <p>The Future of Mobile ICT and New Media in Africa Through Social Media and Social Network for Economic, Social and Human Development. <i>By Babangida Lawal, (Federal College of Education, Katsina, Nigeria)</i></p>
13:00 – 14:15	<p><i>Paper Session 4B: Mobile ICT Business & Usability</i> <i>Venue: VCC</i> <i>Chair: Dr. Stephen Asunka, Head, ITSS, GTUC</i> Usability and Interaction Design in West Africa: The State of the Art <i>By Dr. Jannick Sorenson, (CMI, Aalborg University)</i></p> <p>The Role of Internet Service Providers (ISPs): The Nigerian Experience <i>By Shehu Ibrahim</i></p> <p>Diffusion and Effects of Mobile-based CloudComputing in Sub-Saharan Africa. <i>By Nir Kshetri, (University of North Carolina, Greensboro, USA)</i></p>
14:15 – 16:00	<p><i>Paper Session 5: Future Technologies II</i> <i>Venue: President's Conference Room</i> <i>Chair: Dr. Yaw Okraku-Yirenkyi, Director of Studies, Kofi Annan Center of Excellence in ICT, Ghana</i> Design of a Tower-less UMTS Network for Accra Business District. <i>By Joseph Arthur, (GTUC)</i></p> <p>Security Challenges in Routing Protocol in Mobile Ad Hoc Network (MANET). <i>By Sulaiman Musa, (Katsina University, Katsina, Nigeria)</i></p> <p>Mobile ICT and New Media in Africa, the Way Forward <i>By Zainab Mansour Chiranci</i></p> <p>Comparative Analysis of Some Uplink Packet Scheduling Algorithms for WIMAX Network. <i>By Ibrahim Sani Iliya, (Federal College of Education, Katsina, Nigeria)</i></p> <p>QoS Requirements for Bandwidth Request and Allocation in WiMAX Networks. <i>By Joseph Arthur, (GTUC)</i></p> <p>Investigating the Causes of Network Outages and It'sCost Implications of the Telco's in Ghana "The case of MTN". <i>By Francis Ayepah, Alexander Osei-Owusu (GTUC) and Dr. Stephen E Armah (Ashesi)</i></p> <p>The Development of Mobile-based Real Time Reporting Systems for Microfinance Institutions <i>By Emmanuel Djaba, Christpher Ashie & Dr. Jacob Adopley (GTUC)</i></p>
16:00 – 16:15	<p>Summing Up and Closing Remarks <i>By Dr. Osei K. Darkwa, President, GTUC</i> <i>Knud-Erik Skouby, Professor & Director, CMI, Aalborg University</i></p>
16:30	<p>Cocktail at <i>Dr. Eva Von Hirsch Auditorium.</i></p>