



11-12 NOVEMBER, 2015

ACCRA INSTITUTE OF TECHNOLOGY (AIT), CANTONMENTS CAMPUS, CANTONMENTS, ACCRA

PROGRAMME

11 NOVEMBER, 2015: OPENING SESSION 8:30 –10:30

Registration

Welcome Address – Prof. Clement Dzidonu, President, Accra Institute of technology (AIT)

Chairperson’s Opening Remarks: Prof. Francis Allotey, Chairman, Board of Trustees, AIT

Keynote Address – Dr. Victor Agyeman, Director-General, CSIR

Conference Objectives & Agenda – Dr. Essel Ben Hagan, Conference Coordinator

Chairperson’s Closing Remarks: Prof. Francis Allotey, Chairman, Board of Trustees, AIT



10.30 – 11:00 COCOA BREAK

11 NOVEMBER, 2015: SESSION 2 11.00–13.00

Track 1: Business, Management & Entrepreneurship Chairperson: <i>Prof. T.B. Wereko, Accra Institute of Technology</i> Facilitator: <i>Tetty C. Ruben</i>	Social Marketing: Using Stages of Change Model to understand Waste Management Behavior of Ghanaians	Mercy N. Mensah & Ernest Yaw Tweneboah-Koduah
	A Literature Review of Leadership Styles on Performance from Faculty Perspective at Universities in Ghana	Hannah E. A. Acquah and Benjamin Edem Zogbator
	Understanding Service Quality and Loyalty Relationship: Moderating and Mediating Effects of Satisfaction and Perceived Value	Simon Gyasi Nimako & Benjamin Aggrey Ntim
	Evidence Based Policy: The Capacity and Perspectives of Policy Makers in Ghana	Justina A. Onumah, Wilhelmina Quaye, Richard Ampadu-Ameyaw & George O. Essegbey
Track 2: Advances in Computing Sciences Chairperson: <i>Mateko Okantey, Wisconsin International University College</i> Facilitator: <i>Tetteh Samuel</i>	Youth Patronage on Retail Online Business through Social Media in Katsina State of Nigeria	Aminu Umar
	Assessing The E-Security Perceptions Of Individuals In Organizational Settings	Stephen Dotse / George Ofori – Dwumfuo
	The Determination and Usage of Pareto Significant Information to Mitigate Information Overload	G.K.S. Akorfu
	The role of Culture and Trust in Electronic Banking Adoption: A review	Aimufua, Gilbert.I.O. and Dzidonu, Clement K.
Track 3: Educational Technology & Innovation Chairperson: <i>Dr. Hillar Addo, University of Professional Studies, Accra</i>	Exploring Education-Industry Cooperation Strategies for Increasing Graduate Employment Opportunities	Benjamin Aggrey Ntim
	Information and Communication Technology usage by Junior High School Boys and Girls in Ablekuma Central Sub-Metro District in Greater Accra	Adam Mahama
	Fostering Effective Student Engagement in a First Year University Course by Harmonizing Web-based Resources with Interaction: The WebQuest Approach	Stephen Asunka & Daniel Okwabi Adjin



Facilitator: <i>Opong Prince Darko</i>	Enhancing the Creativity and Academic Achievement of Nigerian Students in Colleges of Education in Genetics Using Problem-solving Instructional Strategy	A.G.Jibrin, J.S. Mari and S.D. Zayum
Track 4: Food & Agriculture Technologies & Innovation Chairperson: <i>Dr. Godfried Frimpong, CSIR-Science & Technology Policy Research Institute</i> Facilitator: <i>Yayra Keteku</i>	Adoption of Good Agricultural Practices for Maize and Cowpea Production: The Role of Enabling Policy	E. Owusu Danquah, S. A. Ennin, F. Frimpong, P. Oteng-Darko, S. Yeboah, and J. Osei-Adu
	Growth, Yield and Quality Factors of Sweetpotato (<i>Ipomoea Batatas</i> (L) Lam) as Affected by Seedbed Type and Fertilizer Application	A. Brobbey, J. A. Sarkodie & K. Adofo
	Mitigating Climate Change Impact on Plant Genetic Resources in Ghana: The Case of Yams	L. M. Aboagye, D. Nyadanu and N. Badger
	Development of Sustainable Local Seed Business through Innovation Platform in Ghana	Martin Bosompem
13:00 – 14.00 LUNCH		
11 NOVEMBER, 2015: SESSION 3 14.00-16.00		
Track 1: Educational Technology & Innovation Chairperson: <i>Dr. Kwaku Ganu, Accra Institute of Technology Accra</i> Facilitator: <i>Godwin Odei</i>	A Comparative Study on Analysing Academic Progression of Students using Decision Tree Algorithms	Sujith Jayaprakash & Dominic Owusu
	Relationship between Lecturers' Role Change and Performance	Mateko Okantey
	Linguistics Analysis On The Role Of Mother Tongue In Education	Abdulrahman Shu'aibu
	Assessing Prolonged Postures in Basic Primary Schools: Case Study of Adenta-Accra	Constance G. Daq Roberts & Amevi Acakpovi
Track 2: Engineering & Infrastructure Chairperson:	Interpretation of Aerogravity and Aeromagnetic Survey Data over the South Western Part of the Volta River Basin of Ghana	George Hinson, Aboagye Menyeh, S.K. Danuor and David Dotse Wemegah



<p><i>Ing. Dr. Ben Aggrey Ntim,</i> <i>Accra Institute of Technology</i> <i>Facilitator:</i> <i>James Fiifi Coleman</i></p>	Appraisal and accurate estimation from petrophysical parameters of the reservoir	Alabi O.O. and Olayiwola M.O.
	Public transport safety and security: Implications for patronage in Ghana	Enoch F. Sam
	Status of Maintenance/Repair Servitization in the Agricultural Machinery Sector	Samuel M. Sackey & Richard M. Greenough
	A Study of Development of Cupel from Local Materials	Daniel Fynn, Bennetta Koomson, Anthony Andrews
<p>Track 3: Energy, Health and Environment</p> <p>Chairperson: <i>Kofi Amponsah Bediako,</i> <i>Ghana Standards Authority</i></p> <p>Facilitator: <i>Edmond Ankamah</i></p>	Antioxidant Micronutrient Status and Pregnancy Outcomes in Adolescents	Jessica Ayensu, Anthony Edusei & Ibok Oduro
	Conceptual Model for m-health utilization: A Nigerian adaptation	Titilayo Dorothy Odetola
	An Assessment of the Efficacy of Acute Malnutrition Management among Ghanaian Children From 0 To 59 Months – A Case of Three Nutritional Rehabilitation Sites in Ashanti Region	Marian Abrafi Osei, Reginald Annan & Patricia Brown
	Influence of academic environment on health seeking-behavior, physical activities and dietary habits among Undergraduates in a University in Nigeria	O.A. Okunola and I.A Irinoye
	Structural Equation Modelling: Effect of Attitude and Knowledge on Health and Environment in Ghanaian Communities	M. A. Pobbi
	Assessing Health and Safety Measures of Power Plants in Ghana: A Case Study of VRA Hydroelectric Power Plant	Lucky Dzakumah & Amevi Acakpovi
<p>Track 4: Advances in Computing Sciences</p> <p>Chairperson: <i>Kwaku Ofori Adarkwa,</i> <i>Accra Institute of Technology</i></p> <p>Facilitator: <i>Kwame Yeboah</i></p>	Factors Affecting IT Adoption and Information Security Practices	Stephen Dotse / George Ofori – Dwumfu
	Analysis of Symptoms of Information Overload on Executives	George K. S. Akorfu
	Private Virtual Infrastructure for Security of Electronic Health Records in a Cloud Computing Environment	Ogunjobi Adebayo O., Onashoga Adebukola S., Ibharalu Tom F. and Wara Samuel T.
	Theoretical Frameworks for Analysing Socio-Technical Factors in the Design of Interactive Video Communication Systems	Mary Adu Kumi/ Clement Dzidonu



CONFERENCE COCKTAIL 16.00-17.30

12 NOVEMBER, 2015 SESSION 4: 09.00-10.30

Track 1: Engineering & Infrastructure Chairperson: <i>Ing. Carlien Bou-Chedid,</i> <i>Ghana Institution of Engineers</i> Facilitator: <i>Yayra Keteku</i>	Coastal Dynamics and Shoreline Change along Cape Coast - Sekondi Coastline in Ghana	Ishmael Yaw Dadson
	A Study of Optimal Locations of Distributed Generations Considering Various Objective Functions using Genetic Algorithm	Desmond Ampofo and Eric Amoateng
	An Assessment of Water Quality and the Locals' Perception of Coastal Lagoon Pollution in Ghana: A Case Study of Chemu lagoon in Tema	Kofi Adu-Boahena & Isaac Boateng
	Economics of System Losses in Low Voltage and High Voltage Distribution Systems	Majeed
Track 2: Advances in Computing Sciences Chairperson: <i>Dr. Emmanuel S. Asamoah,</i> <i>Dominion University College</i> Facilitator: <i>Kwame Yeboah</i>	Towards a General Framework for Analyzing Technology Acceptance – Adoption Factors	Aimufua, Gilbert.I.O. and Dzidonu, C.K.
	Private Virtual Infrastructure for Security of Electronic Health Records in a Cloud Computing Environment	Emmanuel Kusi Achampong & Clement Dzidonu
	Modelling of Realism Experience in Online Laboratory Environment	Romeo K. Bugyei & Clement K. Dzidonu
	An Adoptable Light-Weight Short-Message Spam Filter	Ogunjobi Adebayo O., Onashoga Adebukola S., Ibharalu Tom F. and Wara Samuel T.
	Towards Risk Reduction on Technological Failures in Interactive Video Communication Systems	
Track 3: Engineering & Infrastructure Chairperson:	Investigation of the Upwelling Mechanism in the Gulf of Guinea	Napoleon Addison
	A Numerical Study of Partial Differential Equations Using Variational Iteration Method	Olayiwola M.O. and Alabi O.O.



<i>Ing. Dr. Robert Adjaye, Petroleum Skills Development Institute</i> <i>Facilitator: Kwame Yeboah</i>	Delineation of Water Table and the Saturation Profile using the Ground Penetrating Radar	Quaye E. K-K.
	Designed Experiments for Studying Delamination in Drilling of Composite Laminates	Samuel Mensah Sackey & Samuel P. Owusu-Ofori
Track 4: Food & Agriculture Technologies & Innovation Chairperson: Eric Osei, Council for Scientific & Industrial Research <i>Facilitator: Tettey C. Ruben</i>	Development of an Ergonomic Stirring Tool for Gari-frying Workers	Samuel T.M., Adetifa B.O. and Aremu O.O
	Funding of Agricultural Research and Development in Ghana: The Case of Council for Scientific and Industrial Research (CSIR)	Roland Asare, George Owusu Essegbey, Mavis Akuffobe & Portia Adade
	A Survey and Identification of Traditional and Modern Potentials of some Common Ethno Medicinal Plants in Batagarawa District of Katsina State Nigeria	Aliyu Ahmad A
	Status Of Taro (Colocasia Esculenta) Improvement in Ghana	L. M. Aboagye, D. Nyadanu and N. Badger
10.30 – 11:00 COCOA BREAK		
12 NOVEMBER, 2015 CLOSING SESSION: 11.00-12.00		
Closing Remarks 1: Dr. Essel Ben Hagan, Conference Coordinator		
Closing Remarks 2: Prof. Clement K. Dzidonu, Accra Institute of Technology (AIT)		
12:00 – 13:00 LUNCH		

