

The ICEASSM'2017 Event and the IOSEA Meeting Draft Programme

		Tuesday, April 18, 2017		Wednesday, April 19, 2017		Thursday, April 20, 2017		Friday, April 21, 2017	
		<b>Tutorial</b>		<b>Reception</b>					
8h30		<b>Welcome Breakfast</b>		<b>Welcome speech</b>		<b>Day2-Track4-A</b>		<b>Day2-Track4-B</b>	
09h00		<b>Dr. Henri Abanda</b> (Oxford Brookes University, UK) Emerging ICT for Development: Opportunities, Challenges and Direction of Future Research		<b>Day1-Track1-A</b> Systems Monitoring (3 speeches)	<b>Day1-Track1-B</b> Sustainable engineering decision support (3 speeches)	Modeling of Renewable Energy Systems (4 speeches)	Systems and Information Modeling (4 speeches)	<b>IOSEA General Assembly</b>	
10h30		Coffee break		Coffee break		Coffee break			
11h00		<b>Prof. Kondo H. Adjallah</b> (Université de lorraine) Optimizing the lifecycle reliability, maintainability and safety data collection process		<b>Keynote Speech 1</b>		<b>Keynote Speech 2</b>		<b>IOSEA General Assembly (Cont.)</b>	
12h00		Coffee break							
13h30		<b>Dr. Assi N'Guessan</b> (Lille 1 University, France) Advanced statistical modeling		<b>Day1-Track2-A</b> Material innovation and applications (4 speeches)	<b>Day1-Track2-B</b> Advanced information technologies (4 speeches)	<b>Day2-Track5-A</b> Sustainable & renewable energy systems (4 speeches)	<b>Day2-Track5-B</b> CAD and BIM (3 speeches)	<b>End of the event</b>	
15h00		Coffee break		Coffee break		Coffee break			
15h30		<b>Round Table Discussion</b> (Topic to be discussed)		<b>Day1-Track3-A</b> Mechanical and material sciences (3 speeches)	<b>Day1-Track3-B</b> Engineering data analytics (3 speeches)	<b>Visit or site seeing</b>		18 speeches (in 2 parallel Sessions) + 1 Keynote  20 speeches (in 2 parallel Sessions) + 2 Keynote  20 minutes are allotted for each speech, followed by and 8 minutes for discussions 2 minutes are allotted to installation of the next speaker.	
17h00									

## The ICEASSM'2017 Conference Detailed Draft Programme

Wednesday, April 19, 2017	
8h00	<b>Reception of participants</b>
8h30	<b>Welcome speech</b> <b>VC UENR 10', Former VC UENR 10', IOSEA Chairman</b>
<b>T1-A: Systems Monitoring (Assi N'Guessan)</b>	
9h00	<b>1 - Komi Midzodzi Pekpe.</b> Data driven faults detection in Hammerstein systems
9h30	<b>21 - Yousif Elhadi Elsideeg Ahmed, Kondo H. Adjallah, Sharef F. Babikir and Romuald Stock.</b> Reliability Modeling and Monte Carlo based Simulation for Optimal Wireless Sensor Networks Lifetime Assessment
10h00	<b>18 - Wahabou Abdou.</b> Trade-off Between Diversity and Convergence in Multi-objective Genetic Algorithms
10h30	<b>Coffee break</b>
11h00	<b>Keynote speech No 1 by Prof. Kondo H. Adjallah</b> <b>Management Challenges of Sustainable Infrastructures of Development in Africa</b>
12h00	<b>Lunch</b>
<b>T2-A: Material innovation and applications (W. Abdou)</b>	
13h30	<b>11 - Yaogan Mensah.</b> Analysis on groups and applications
14h00	<b>23 - Napo Bonfoh, Rodrigue Matadi Boumbimba, Gbessiho Kinvi-Dossou and Mamadou Coulibaly.</b> Impact behavior and damage analysis of laminated composites glass fibers/nano-reinforced thermoplastic matrix
14h30	<b>26 - Rodrigue Matadi Boumbimba, Mamadou Coulibaly and Kui Wang.</b> Investigation of the impact response of PMMA based nano-rubber over a large range of temperatures and strain rates
15h00	<b>19 - Koffi Mawussé Djidula Motchon and Komi Midzodzi Pekpe.</b> Indistinguishability zone of Single-Output Bilinear Systems
16h00	<b>Coffee break</b>
<b>T3-A: Mechanical and Material Sciences (Y. Bonfoh)      T3-B: Engineering Data Analytics (F. Adekanbi)</b>	
16h30	<b>42 - Sinko Banakinao, Sonnou Tiem, Kodjo Attipou and Komlan Lolo.</b> Shear Resistance of Soils improved with Tannins of Néré Pod
17h00	<b>36 - Kokou Dorkenoo.</b> Multiphoton microscopy to investigate quadratic effects in nonlinear optical materials
17h30	<b>31 - Cristina Guzman, Alben Cardenasgonzalez, Kodjo Agbossou and Mamadou Doumbia.</b> Modeling of SiC MOSFET for Power Electronics Converters Simulation
19h00	<b>Dinner</b>

Thursday, April 20, 2017	
<b>T4-A: Modeling of renewable energy systems (K. Agbossou)      T4-B: System and information modeling (H. Abanda)</b>	
8h30	<b>43 - Mouhamadou Moustapha Ba, Harry Ramenah, Camel Tanougast and Kondo H Adjallah.</b> Temperature effects on Photovoltaic Energy Output Under Real Conditions :Weibull Model
9h00	<b>47 - Michael Asamoah, Amos Kabo-Bah and Eric Ofosu-Antwi.</b> Spatial analysis impacts of the BUI hydropower dam on downstream communities
9h30	<b>44 - Mouhamadou Moustapha Ba, Harry Ramenah, Camel Tanougast and Kondo H Adjallah.</b> The Weibull Probability Distribution Model for Urban Wind PowerOutput
10h00	<b>32 - Akash Shrivastava, Amiya Ranjan Mohanty, Komi Midzodzi Pekpe and Jean Philippe Cassar.</b> Estimation of strain in a rotating shaft using deterministic-stochastic approach
10h30	<b>Coffee break</b>
11h00	<b>Keynote speech No 2 by Prof. Adewumi Ife Kehinde</b> <b>Challenges of needed paradigm shifts to productively-sustainable Africa Urban Environments by 2030</b>
12h00	<b>Lunch</b>
<b>T5-A: Sustainable and renewable energy syst. (S. Rohmer)      T5-B: CAD and BIM (K. Dorkenoo)</b>	
13h30	<b>20 - Boudy Bilal, Kondo Adjallah and Alexandre Sava.</b> An experimental approach for characterizing the potential energy vs the sectoral variations of wind turbulence on sites
14h00	<b>27 - Serge Rohmer, Youcef Bouzidi and Abdelatif Merabtine.</b> Frugal Design of an Innovative Solar Water Distiller
14h30	<b>28 - Mohamed Imhemed, Blaise Conrard and Mireille Bayart.</b> An intelligent automatic of irrigation system for arid region
15h00	
15h30	<b>33 - Henry F. Abanda and Kane Whitlock.</b> Making a business case for BIM adoption
16h00	<b>34 - Richard Lingeh and Henry Fonbeyin.</b> CodedSoft Educational Software: An Innovative School Management Software Solution for Schools in Cameroon
16h30	<b>48 - Conrad Boton.</b> The Use of Information Technology in African Construction Industry: A preliminary Survey from Benin
17h00	<b>9 - Akponanabofa Oti, Henry Abanda and Salome Farrow.</b> A review of information modelling systems in the built environment
18h00	<b>Dinner</b>