

Day 1: July 3, 2024	
Time	Activity
8:00 am - 8:45 am	Arrival, Registration, and Network
8:45 am - 9:15 am	Opening Session: Welcome remarks, conference introduction, and agenda overview.
9:15 am - 10:00 am	Keynote 1: The challenges for sustainable energy access and energy transition in African contexts Nicolò Stevanato, PhD (Polytechnique Milan)
10:00am – 10:45am	Keynote 2: Energy transition, technological issues and challenges in Africa. Prof Kodjo Agbossou, ing., Ph.D., MS.IEEE, IET Fellow (University
10:45am – 11:15am	Coffee and networking.
11:15am – 01:15pm	<p>Session 1: Energy and Environment(20min each)</p> <ul style="list-style-type: none"> - Design of a photovoltaic fast-charging station for electric three-wheelers vehicles in West Africa Authors: Ababacar Thiam (UADB), Serigne Mourtalla Ndiaye (UADB), Mouhamadou Falilou Ndiaye (UCAD), Ibrahima Ka (EPT) - Dielectric properties of Euphorbia Balsamifera (Salane) for its application in green electronics Authors: Ndeye Adjaratou Diop (UASZ) - Nanomaterials and Solar Cell: Comparative investigation between Honeycomb Boron Nitride (h-BN), Graphene and B-doped Graphene Authors: Alioune Aidara Diouf (UGB), Amsata Ndiaye (UGB), Djicknoum Diouf (UGB), Amadou Seidou Maiga (UGB) - Ensemble Machine Learning Approach to Predicting Nigerian Oil Production Authors: Muyideen D. Adewale (Open Uni. Nigeria), Ibrahim A. Adeyanju (Open Uni. Nigeria), J.Oju, O. C. Ubadike (Open Uni. Nigeria), U. I. Muhammed (Open Uni. Nigeria), S. T. Omisakin (Glasgow C. Uni) - Study of the impact of solar pumping solutions on agricultural production in Senegal: the case of small farms in the Niayes area Authors: Ibrahima Seck (Nadji.Bi), Julien Potron (Nadji.Bi), Audrey Kakpohoue (Nadji.Bi)
01:15pm – 2:30pm	Lunch Break
02:30pm - 03:15pm	Keynote 3: Topic related to Climate Change. (Arame Tall)
03:15pm – 04:00pm	Poster Session
04:00pm-04:30pm	Coffee Break and networking.
04:30pm-5:50pm	<p>Session 2: Environment (20min each)</p> <ul style="list-style-type: none"> - Analysis of circular practices in artisanal gold panning in southeastern Senegal Authors: Zeinab Raissa Diarra (ESP), Abou Abdallah Malick Diouara (UCAD), Mathias Glaus (ESP) - An Overview of Farmer Water Users Association Involvement and Efficiency in Djiratawa Hydro-agricultural Planning, Niger Authors: Hadiza Kiara Fougou (Uni, Diffa), Sahabi Harou Ali (Uni. A. Moumouni), Kaka Kiari Boukar Kéllou (Uni, Diffa) - Assessment of pavement damage caused by speed bumps along Nyanya - Jikwoyi road Abuja.

	<p>Authors: Ukinvore U. Adamu (Nile Uni.), Abubakar Dayyabu (Nile Uni.), Abdulhameed Mambo (Nile Uni.)</p> <ul style="list-style-type: none"> - Public Participation in Municipal Solid Waste Management: A Mobile Persuasive App <p>Authors: Irene Arinaitwe (Makerere), Jonathan Ssemakula (Makerere), Agnes Nakakawa (Makerere), Gilbert Maiga (Makerere)</p> <ul style="list-style-type: none"> - Analyzing The Utilization Of Mopane Dry Leaves And Seeds As Potential Feedstock In Maun And Shorobe, <p>Authors: Kelebogile B. Mfundisi (Uni of Botswana), Pako Tshelwane (Uni of Botswana), Oarabile Mogobe (Uni of Botswana)</p>
5:30pm-5:45pm	Closing remarks for day 1 and intro of Day 2

Day 2: July 4, 2024	
Time	Activity
8:00 am - 8:30 am	Arrival, Registration, and Network
8:30am-9:30am	Round Table: Topic related to center of excellence
09:30am-10:15am	Keynote 4: Topic related to Climate Change and and Land (Moustapha Tall)
10:15am-10:45am	Coffee Break and Networking
10:45am-12:45pm	<p>Session 3: Information Technology (20min each)</p> <ul style="list-style-type: none"> - An optimizing coverage in a WSN by selecting the best sensors Authors: Absa Lecor (UADB), Mohamed Mejri (Uni. Laval), Senghane Mbodji (UADB) - Towards a Single-Sign-On authentication architecture based on OpenID Connect protocol and blockchain technology Authors: Assane Ilboudo (Uni. J. Ki-Zerbo), Didier Bassoule (Uni. J. Ki-Zerbo), Pegdwindé Justin Kouraogo (Uni. J. Ki-Zerbo), Gouayon Koala (Uni. J. Ki-Zerbo), Oumarou Sie (Uni. J. Ki-Zerbo) - An experimental 5G Standalone testbed for rural connectivity Authors: Mahamadou Diawara (UGB), Andre Faye (UGB) - An application of the Hough transform with convolutional neural networks to detect straight lines Authors: Moussa Bamogo (Uni. Nazi Boni), Abdoulaye Sere (Uni. Nazi Boni) - A Slotted Random Access algorithm for efficient transmission in White area: case of artisanal fishing in West Africa Authors: Fatoumata A. Y. Diouf (ESP), Madoune R. Seye (ESP), Moussa Diallo (ESP), Cheikh A. B. Gueye (UCAD)
12:45pm-02:30pm	Lunch Break & Poster Session
02:15pm-03:00pm	Keynote 5: Advancing Global Environmental Goals: The Role of the Global Environment Facility in Climate Finance (Ibrahima Sakho, GEF)
03:00pm-03:30pm	Short Talk: Topic relative to scholarship and short missions Scientifical attached of Italy Embassy (Eugenio Cavallo ???)
3:30 pm - 4:00 pm	Coffee Break and Networking
4:00pm-5:40pm	Session 4: ICT Enabler (20min each)

	<ul style="list-style-type: none"> - Straight-Line Recognition in a Virtual Hexagonal Grid using Hough Transform Authors: Ouedraogo Moise (Uni. Nazi Boni), Abdoulaye Sere (Uni. Nazi Boni) - Predicting aflatoxin contamination rates in the white maize value chain Authors: Mahugnon G. Azehoun Pazou (UNSTIM), Julian Adjibi (UNSTIM), Régis D. Hontinfinde (UNSTIM), Elognissè E. G. Agossadou (UNSTIM), Vidédji N. Adjahossou (UNSTIM), Christian D. Akowanou (UNSTIM) - Towards a mobile, intelligent, personalized and adaptive e-learning system considering learners, context in semi-nomadic and conflict zones Authors: Alhoudourou A. Maiga (UADB), Richard Hotte (Teluq), Gaoussou Camara (UADB), Mariem Abid (Teluq), Anis Masmoudi (Teluq) - Disease classification using Deep Transfer Learning Authors: Asia Aboubakar (Nile Uni), Moussa M. Boukar (Nile Uni), Hassane Hamdane (Uni. Ndjamen), Usman A. Bello (Baze Uni.) - Analyzing water's characteristics health impact with classification algorithms Authors: Khadim Gueye (UCAD), Ndiouma Bame (UCAD), Aliou Boly (UCAD)
05:40pm-06:00pm	Closing Remarks
7:30 pm - 9:30 pm	Dinner Gala: Formal dinner with speeches, awards, and networking opportunities