

CNRIA 2023, University of The Gambia

Final Program

Zoom Link: for online participants	
Day 1 : Thursday 25 May 2023	
09h00 : 11h00	Opening Ceremony : Speaker 1 Vice Chancellor University of The Gambia Prof Herbert Robinson (UTG) Speaker 2 President of ASCII Statement Prof Sheik Bamba Gaye Speaker 3 His Excellency Hon Ambassador Republic of Senegal Speaker 4 Hon. Minister Higher Education Research Science & Technology Prof Pierre Gomez (MoHERST)
<i>11h00 : 11h30</i>	<i>Coffee Break</i>
11h30 : 13h00	Round Table (Roadmap for future collaboration between ASCII & Gambian Universities)
<i>13h00 : 15h00</i>	<i>Lunch</i>
15h00 : 16h00	Keynote 1 : Dr. Assane GUEYE Title : Secure, Private, and Fair Digital Public Goods: Opportunities, gaps, and open questions Moderator : Prof. Maïssa MBAYE, UGB
<i>16h00 : 16h30</i>	<i>Coffee Break</i>

16h30 : 18h00	<p>Session 1 : Networking, Telecom and Security</p> <ul style="list-style-type: none"> ● Authors: Mbemba Hydera, Raja Muzammil Muneer, Yasir Saleem, Afeef Obaid and Bamfa Ceesay Title: Secure Device Identification and Authentication Architecture for IoT ● Authors: Abdoulaye Diallo, Lionel Affognon, Cherif Diallo and Eugène C. Ezin Title: Towards the implementation of a dynamic IDS for IoT: Anomaly detection in MQTT traffic ● Authors: Aminu Adamu, Yusuf Surajo, Muhammad Tukur Jafar, Hydera Mbemba, Victor Eshiet Ekong and Bamfa Ceesay: Title: Gentle-Self-Adaptive Random Early Detection Algorithm for Performance Improvement in Networks with High Traffic Load Conditions ● Authors: Pape Waly Sarr, Aminata Diop and Ibra Dioum Title: Compact and flexible antenna for the monitoring of health products <p>Moderator : Dr. Pa Saffiong KEBBEH, UTG</p>
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Day 2 : Friday 26 May 2023	
09h00 : 10h00	<p>Keynote 2 : Prof. Sidat Yaffa</p> <p>Theme : adoption of smart farming technologies: the key to sustainable agriculture in west africa</p> <p>Moderator : Prof. Bamba GUEYE, UCAD</p>
10h00 : 10h30	<p>Coffee Break</p>
10h30 : 13h00	<p>Session 2 : Data science & Artificial Intelligence & Deep Learning</p> <ul style="list-style-type: none"> ● Authors: Mohamet Tall, Thierno Ibrahima Diop, Ndeye Fatou Ngom and El Hadji Abdoulaye Thiam Title: Deep learning for Quranic reciter recognition and audio content identification ● Authors: Ibrahima Diagne, Ibrahima Ngom, Ousmane Sadio, Adama Coulibaly, Marc Momar Tall, Moustapha Ndiaye and Abdou Diop Title: Land monitoring system: Deep Learning approach applied to drone imagery for flood condition assessment. ● Authors: Bamfa Ceesay, Mbemba Hydera and Aminu Adamu Title: Feature Encoding for Automatic Multi-Criteria Determination from Clinical Records ● [Online Présentation] Authors: Mariama Dramé, Seydina Moussa Ndiaye and Moussa Lô Title: Agricultural and land management using AI: a case study of rice plot identification in Senegal ● [Online Présentation] Authors: Ousmane Youme, Jean Marie Dembele, Eugene C. Ezin and Christophe Cambier Title: Panoptic Segmentation of Environmental UAV Images : Litter Beach ● [Online Présentation] Authors: Tamba Kolani, Idy Diop and Eyram Makafui Yoan Yawo Amekoudi Title: Detection and identification of glomerular lesions in renal biopsy based on Artificial Intelligence for the diagnosis of renal pathologies: survey <p>Moderator : Prof Ibrahima NIANG, UCAD</p>

13h00 : 15h30	Lunch break
15h30 : 16h30	<p>Session 3 : ICT4D & Natural Language Processing</p> <ul style="list-style-type: none"> • Authors: Mbemba Hydara, Bamfa Ceesay and Adamu Aminu Title: Review of Gambia's Healthcare System and Adaptation of Health Information System • Authors: Mansour Diouf and Mouhamadou Thiam Title: CoARTEX : Un nouvel algorithme pour la découverte des termes informatifs lors de l'extraction des causes de décès d'une autopsie verbale avec le modèle de thème LDA • Authors: Derguene Mbaye and Moussa Diallo Title: Beqi: Revitalize the Senegalese Wolof Language with a Robust Spelling Corrector <p>Moderator : Prof. Ousmane SALL, UNCHK</p>
16h30 : 17h00	<p>Coffee break & Poster Session</p> <p>Poster 1: Fatou Bintou NDIAYE et al. Design and realization of a computer-assisted nephrostomy guidance system</p>

	<p>Poster 2: Papa Ndiaga BA et al., Performance Evaluation of LTE and 5G Modeling over OFDM and GFDM Physical Layers</p>
17h00 : 18h00	<p>Session 4 : Early stage researcher</p> <ul style="list-style-type: none"> • Authors: Pius U. Ejodamen, Victor E. Ekong, and Daniel E. Asuquo Title: Towards Automatic Detection of Extremism on Twitter • Authors : Leah Groves, Fatou Bintou Ndiaye, Tamas Ungi, Idy Diop, Gabor Fichtinger, Parvin Mousavi, Mamadou Samba Camara Title : Design and realization of a computer-assisted nephrostomy guidance system <p>Moderator : Prof. Ngalla DJITTE, UGB</p>
Day 3 : Saturday 27 May 2023	
9h00 : 10h30	<p>Session 5 : Data management & Data science (4x20)</p> <ul style="list-style-type: none"> • Authors: Mireille Fangueng, Mamadou Thiongane, Idrissa Sarr and Bitsha-Kitime Dieudonné Kabkia Title: Important Predictors for Covid-19 Vaccine Hesitation • Authors: Mamadou Diahame and Mamadou Samba Camara Title: Prediction of event loops using real-life event log • Authors: Mamadou Thiongane, Mohamed Ould Deye, Modou Gueye and Mbaye Sene Title: A New Delay History Predictor for Multi-skill Call Center • Authors: Harriet Sibitenda, Awa Diattara, Assitan Traore and Cheikh Ba Title: Retrieving Data from Social Network Platforms: A State-of-art Review <p>Modérateur : Prof. Ousmane THIARE, UGB</p>
10h30 : 11h00	coffee break
11h00 : 12h00	<p>Closing ceremony</p> <p>Closing Statement: President CNRIA Prof .Youssou Fye</p>

13h 00. : 15h30