



UNIVERSITE
CHEIKH ANTA DIOP
DE DAKAR

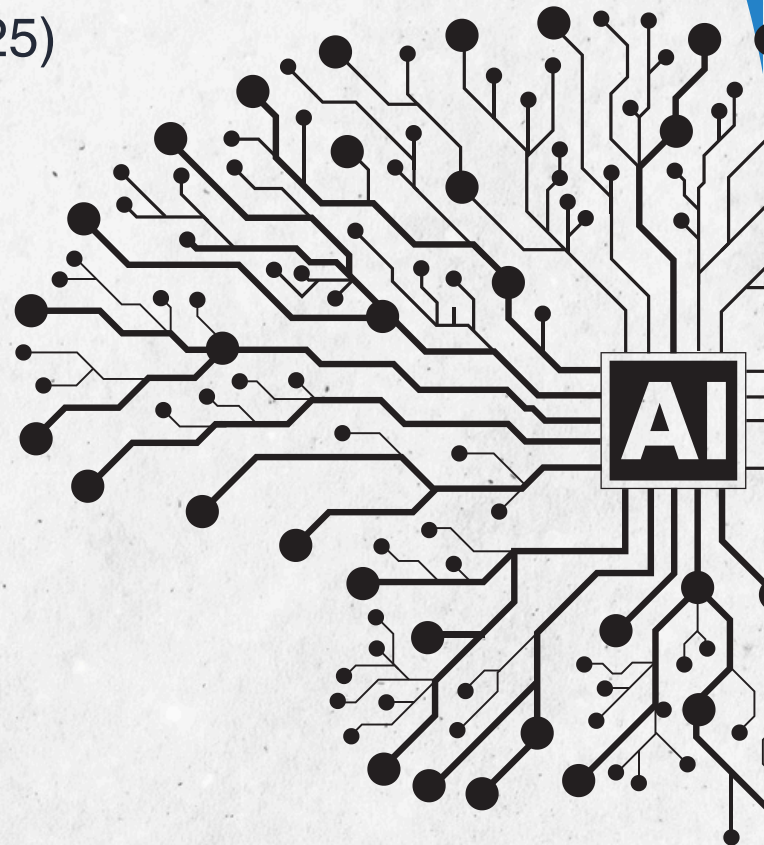


Association of West African Universities (AWAU)
Association des universités de l'Afrique de l'Ouest
(AUAO)
<https://awau.africa>

10TH

Association of West Africa Universities Conference (AWAU 2025)

Artificial Intelligence,
Multi-Disciplinary
Research and
Regional Integration



CONFERENCE PROGRAMME



Universite Cheikh Anta Diop De Dakar



19th - 22nd February 2025



<https://awau.africa>

AWAU Conference 2025

Association of West African Universities

10th ANNUAL CONFERENCE & 12th ANNUAL GENERAL MEETING

19th – 22nd February at Universite Cheikh Anta Diop De Dakar (UCAD), Senegal

THEME: ARTIFICIAL INTELLIGENCE, MULTI-DISCIPLINARY RESEARCH AND REGIONAL INTEGRATION

Programme Moderators: UCAD

Time	Activity	Persons Responsible/presenting
DAY ONE – WEDNESDAY 19th February, 2025		
9.00a.m – 5.00pm	<i>Arrival and Registration</i>	Participants
DAY TWO - THURSDAY 20th February, 2025		
9.30 - 11.30	<p><i>Opening Ceremony</i></p> <ul style="list-style-type: none"> • Participants seated • Opening Prayer • Introduction of guests • Welcome Address by VC of UCAD • Welcome Address by Chair of AWAU • Conference Chairperson’s Address • Cultural display • Brief comments by the Minister of Education • Citation of the keynote Speaker • Keynote Address: <ul style="list-style-type: none"> ○ Prof. Papa Ndiaye (Brazil) • Good will messages: TETFUND, NUC, NELFUND, JAMB, ASR, Schooltry, Techmindset, CVCNU, AAU • Presentation of Awards • Chairperson’s closing remarks • Vote of thanks by AWAU Secretary-General 	AUDITORIUM

Time	Activity	Persons Responsible/presenting
	<ul style="list-style-type: none"> • Announcements. • Closing prayer • Group photographs 	
11.30 - 12.00	Health/Snack/Coffee Break	
12.00 - 1.30	<p>Breakout session 1a</p> <p>Chair: Prof. Johnson Boampong</p> <p>1. . Cross-Cultural Communication: Examining AI's Role in Facilitating Cross-Cultural Communication between Arabic and other Languages in West Africa - Abdulhakeem ZUBAIR</p> <p>2. Artificial Intelligence Adoption for Conflict Early Warning System in the Fragile State in Africa - Abdullateef Dasola Hussain</p> <p>3. Impact de quatre cycles de puisage Ã un puits de 8 mÃ tres de profondeur sur la frÃ©quence cardiaque et la pression artÃ©rielle de jeunes filles du village de Sanghaie - Mountaga Diop</p> <p>4. Redemptive Action in Subaltern Dystopias: What Role for the Organic African Intellectual? - Abdul-Karim Kamara</p> <p>5. Ethical Consideration of AI: Challenge of nd Solution from a global perspective - Papa Matar Ndiaye</p> <p>6. The Role of Artificial Intelligence in Enhancing Research in Translation Studies: Opportunities and Challenges - Aliy Abdulwahid Adebisi</p> <p>7. Survival of Traditional Islamic Educational System in the wake of Artificial Intelligence (AI) Application to Islamic Learning - Yusuph Dauda Gambari</p>	AUDITORIUM

Time	Activity	Persons Responsible/presenting
12.00 - 1.30pm	<p>Breakout session 1b SEMINAR ROOM 2</p> <p>Chair: Prof Ahmadou Aly Mbaye</p> <ol style="list-style-type: none"> 1. Exploring the Impact of Artificial Intelligence on Communication Effectiveness in Business Education: A Lecturer's Perspective - Oluwalola Felicia Kikelomo 2. Perception on AI-Driven Waste Segregation and Recycling in Kwara State, Nigeria: Implication for Environmental Policy - Adijat Mojisola Abdulraheem 3. Artificial Intelligence and Academic Engagement of University Undergraduates - Omoshalewa Lasbat BADAMAS 4. Leveraging In Silico Approaches to Combat Hospital-Acquired Staphylococcus aureus by accelerated Drug Discovery - Rahmat Folashade Zakariyah 5. Managing Artificial Intelligence-Driven Platforms For Student Development - Nimota Jibola Kadir Abdullahi 6. Artificial Intelligence (AI) Usage and Its Implications on Health and Wellness of Undergraduates in University of Ilorin - Oniyangi, Shuaib Olanrewaju 7. Consumption Of Lead A License To Short Life Span: An Escalating Scenerio in Sub-Saharan Africa, Nigeria - Mohammed Sani 8. Artificial Intelligence and Stage Design Innovation: A Technological Transition Analysis of Selected Nigerian Production Companies - Musiliyu Olorunnishola SANNI 	VIRTUAL
12.00 - 1.30pm	<p>Breakout session 1c SEMINAR ROOM 3</p> <p>Chair: Prof. Wahab Olasupo EGBEWOLE</p> <ol style="list-style-type: none"> 1. Artificial Intelligence and the Application of Qisas in Nigeria: Opportunities and Challenges - Abdulwahab Danladi Shittu 	VIRTUAL

Time	Activity	Persons Responsible/presenting
	<p>2.Effect of Methanol extracts of Onion on the Nutritive, Sensory and bacterial attributes of West African soft cheese in storage - BADMOS Abdulhameed Abiodun</p> <p>3.Artificial Intelligence Adoption for Conflict Early Warning System in the Fragile State in Africa - Abdullateef Dasola Hussain</p> <p>4.Understanding the Ethical Consideration of Using Artificial Intelligence (AI) in Islamic Research and Scholarship - Oniye Olayinka Ibrahim</p> <p>5.Artificial Intelligence In Historical Inquiry: Impact, Challenges And Prospects In Nigerian Educational System - ABOYEJI, Oyeniyi Solomon</p> <p>6. Emergence of Artificial Intelligence is it a threat or Opportunity? Analysis of Perceived Student and Teacher Readiness for AI-Driven Education in Kwara State, Nigeria - BALOGUN, Abdulrasaq Olatunji, ONIYE, Ridwanullahi Kolapo, IDRIS-IYEKOLO, Olushola & BADAMAS, Lasbat Omoshalewa</p> <p>7. Perceived Ease-Of-Use and Usefulness as Correlates of Artificial Intelligence Use for Indigenous Knowledge Management in a Nigerian Public Library - Abdulwahab Olanrewaju ISSA., Kennedy Arebamen EIRIEMIOKHAL & Abdulakeen Sodeeq SULYMAN</p>	
1.30 – 2.30pm	LUNCH	
2.30 - 4.00pm	<p>Breakout session 2a</p> <p>Chair: Prof. Robinson Herbert</p>	AUDITORIUM

Time	Activity	Persons Responsible/presenting
	<ol style="list-style-type: none"> 1. Global Markets, Local Creativities: Artificial Intelligence and the Folk- Pop Music Business in a Digital Age - Oluwatosin John Ibitoye 2. Integrating GIS and Machine Learning for Flood Prediction and Monitoring in North-Central Nigeria - Fasilat Olajumoke Rafiu 3. Dynamics of digital transformation and internationalisation on the environmental sustainability of SMEs - Robert Ipiin Gnankob 4. The double-edged sword of LMS in Basic Education Programme: Teacher Lived Experiences with KwaraLearn - Habibat Abubakar Yusuf 5. Artificial Intelligence and Regional Integration: The Case of ECOWAS in Africa - Felix Oyejide Omotosho 6. Effects Of Gamification On Senior School Students' Performance In Ilorin, Kwara State - Akanmu Alex 7. Exploring Cultural Accuracy and Equivalence in Translation through Ai Powered Tools: Efficiency Of Yoruba And Hausa - Khadijah Ashiru-abdulrahman 	
2.30 - 4.00pm	<p>Breakout session 2b SEMINAR ROOM 2</p> <p>Chair: Prof. Wahab Olasupo EGBEWOLE</p> <ol style="list-style-type: none"> 1. Exploring the Impact of Artificial Intelligence Adoption on Communication Effectiveness in Tertiary Institutions in Nigeria - Ojo, Olubukola James 2. Artificial intelligence and the future of interactive teaching and learning: Exploring the experience of Nigeria University Lecturers - Murtala Abdulyaqin Tukur 3. Gamification and AI Integration for Enhanced E-government Adoption in Nigeria: Opportunities and Challenges - Abdulrazaq Kayode Abdulkareem 	VIRTUAL

Time	Activity	Persons Responsible/presenting
	<ol style="list-style-type: none"> 4. Utilisation de coquilles d’œufs pour l’amélioration des propriétés mécaniques des argiles - Dethie Thiaw 5. Artificial intelligence and the Future of Education in Ilorin, Kwara State, Nigeria - Muritala Imam Akeyede 6. Valorization of feather waste by indigenous keratinolytic bacteria for Response Surface Optimization of keratinase production - Muinat Olanike Kazeem 7. Artificial Intelligence in Higher Education: Opportunities, Challenges and Ethical Issues - Abdulwaheed Musa, and Daniel Oluyemi 8. Training Needs Identification and Perceived Usefulness of Artificial Intelligence Based Weather Information for Crop Calendar among Women Farmers in Nigeria - Yusuf, O. J., Olanrewaju, K. O., Abdulrahman, O. L., Yusuff, S. R., Olatinwo, L. K., Afolabi-Yusuf, G., Babatunde, R. S., Balogun, O. M., Olooto, F. M., & Ibrahim, A. B 	
<p>2.30 - 4.00pm</p>	<p>Breakout session 2c SEMINAR ROOM 3</p> <p>Chair: Prof. Adenike Temidayo OLADIJI</p> <ol style="list-style-type: none"> 1. Artificial Intelligence for Arabic Language Study: Visions and Expectations - Jamiu Saadullah Abdulkareem 2. Developing An Ai Powered Automated Essay Scoring System For Nigerian Secondary Education: Enhancing Grading Efficiency And Student Feedback - Aliyu Yunus et.al 3. Awareness and Knowledge of Oropharyngeal Cancer and High-Risk Behaviour Among Students: A Call for Gender Unbiased Vaccination. - IBIYETE, Kehinde Muibat 4. Protective Effects of Caffeine on Olanzapine-induced Obesity in Wistar Rats - Musa Oyewole Salawu 	<p>VIRTUAL</p>

Time	Activity	Persons Responsible/presenting
	<p>5. Integrating artificial intelligence with augmented and virtual reality for collaborative senior Secondary School Science learning in Ilorin, Nigeria - Aishat A. Yusuf</p> <p>6. Application of Artificial Intelligence and Machine Learning in Predicting Customer Behaviour - Rafiat Ajibade Oyekunle</p> <p>7. Artificial Intelligence, Indigenous Knowledge and Traditional Security System in Yorubaland: a Historical Analysis - Alabi Oladimeji Mohammed</p> <p>8. Artificial Intelligence and Stage Design Innovation: A Technological Transition Analysis of Selected Nigerian Production Companies - Musiliyu Olorunnishola SANNI</p> <p>9. Awareness and Usage of Artificial Intelligence Tools Among Tertiary Students in Kwara State: A Survey of Educational Applications - Misbau Segun Abolarin, Rukayah Ajibola Ameen, Lukman Adedoyin</p>	
6.00 - pm	Welcome Banquet	
DAY THREE	FRIDAY, 21st February, 2025	
8.00- 8.30am	Arrival & Registration	
8.30 – 9.30 am	Plenary Session: AUDITORIUM Concept notes.	
9.30 - 11.00 am	<p>Breakout Session 3a:</p> <p>Chair: Prof. Adenike Temidayo OLADIJI</p> <p>1. Perceived ease-of-use and usefulness as correlates of artificial intelligence use for indigenous knowledge management in a Nigerian public library - Kennedy Arebamen Eiriemiokhale</p>	AUDITORIUM

Time	Activity	Persons Responsible/presenting
	<p>2. Enjeux d’une transformation des pratiques et des dynamiques d’échange informationnel - Alioune BA</p> <p>3. Artificial Intelligence for Forecasting and Adapting to Climate and Health Risks in Senegal - Ibrahima Diouf</p> <p>4. Artificial Intelligence As a Tool to Mitigate Climate Change in Agriculture: An Empirical Review - Latifat Kehinde Olatinwo</p> <p>5. Artificial intelligence and legal research in Nigeria: navigating the challenges - Oluwatosin Busayo Igbayiloye</p>	
<p>9.30 - 11.00am</p>	<p>Breakout Session 3b: SEMINAR ROOM 2</p> <p>Chair: Prof. Ahmadou Aly Mbaye</p> <p>1. Evaluating metal complexes' antibacterial effects on bacterial strains isolated from indoor air in 30 Unilorin offices - David Olugbenga Adetitun</p> <p>2. Impact of Using Artificial Intelligence (AI) in the Teaching and Learning of Arabic Literature in Nigeria - Hassanat Funmilayo Abubakar-Hamid</p> <p>3. The Ethical Principles of Islam: A Guide for the Enhancement of AI’s Ethical Capabilities - Yahya Shaykh Ahmad</p> <p>4. Artificial Intelligence in Pharmacognosy: Advancing Natural Product Discovery and Quality Control - Bilqis A. Lawal*, Moriam A. Adegbite, Sukurat O. Usman and Muhammad T. Ghazali</p> <p>5. Emergence of Artificial Intelligence as a threat or Opportunity? Analysis of Perceived Student and Teacher Readiness for AI-Driven Education in Kwara State, Nigeria - BALOGUN, Abdulrasaq Olatunji</p>	<p>VIRTUAL</p>

Time	Activity	Persons Responsible/presenting
	<p>6. Sociological Assessment of Operating Artificial Intelligence and Re-Thinking Capacity of Undergraduate Students in Southwestern Nigeria - Salihu Zakariya ABDULBAQI</p> <p>7. A Seamless Payment System Between Countries Using Stellar, A Blockchain-Based Network For Currencies And Payments - Micheal Olaolu Arowolo, Adebayo Mohammed Ojuolape*, Elijah Iseoluwa Soladoye, Damilola David Popoola, Paul Adeolu Omosebi, Amos Orenyi Bajeh and Marion Olubunmi Adebiji</p> <p>8. Prospective Cohort Study on the Impact of Artificial Intelligence on Chronic Disease Management Among Adult Patients at the University of Ilorin Teaching Hospital - Surajudeen-Tosho BAKINDE</p>	
<p>9.30 - 11.00am</p>	<p>Breakout Session 3c: SEMINAR ROOM 3 Chair: Prof. Robinson Herbert</p> <p>1. Between AACR2 and RDA what changes has occurs on them - Ibrahim Abdullahi Mohammad</p> <p>2. The Role of AI in Enhancing Communication in the Context of Biology Education.? - Hafsat Imam Alabi</p> <p>3. Assessment of biology students' ethical concerns about artificial intelligence in higher education in Kwara State - ABIDOYE, FLORENCE OMOSHOLAPE</p> <p>4. Pre-service Teachers' Perspectives on Integrating Artificial Intelligence Based Tools into Science Teaching - Imam Bashirat Titilope</p> <p>5. Leveraging In silico Approaches to Combat Hospital Acquired Staphylococcus aureus by accelerated Drug Discovery - Rahmat Folashade ZAKARIYAH, Iyiola Olatunji OLADUNJOYE, Precious Morenikeji BATEREN, Kamoldeen Abiodun AJIJOLAKEWU, and Risikat Nike AHMED</p>	<p>VIRTUAL</p>

Time	Activity	Persons Responsible/presenting
	<p>6. Artificial Intelligence and the Future of Arabic Education in Nigeria: Opportunities, Challenges, and Prospects for Integration - Ahmad Abubakar Agbaje</p> <p>7. Artificial Intelligence and the Future of Educating Children in Nigerian Schools: AI and the Nigerian Learner. A Match Made in the Future - Hafees Tosin SULYMAN</p>	
11.00 – 11.30 am	Health/Snack/Coffee break	
11.45 – 1.45pm	AWAU General Meeting	AUDITORIUM
1.50pm – 3.00pm	<p>Closing ceremony</p> <ul style="list-style-type: none"> ● Introduction of Chairperson and guests ● Music/patriotic songs ● Chief Rapporteur’s report on conference proceedings ● Closing remarks UCAD VC ● Vote of thanks by AWAU Secretary General ● Announcements ● Closing prayer 	AUDITORIUM
2.30 – 3.30pm	LUNCH	

2025 AWAU AWARDEES

MR. STEPHEN OSEI AKOTO

In recognition of an extraordinary visionary, an astute entrepreneur, a philanthropist and a distinguished leader, we celebrate **Mr. Stephen Osei Akoto** for his immense contributions to business, education, and community development.

With a strong educational foundation from the **Tarkwa School of Mines, Kumasi Polytechnic,** and **George Mason University, USA,** Mr. Osei Akoto has demonstrated an unwavering commitment to excellence. He has established himself as a trailblazer in multiple industries, including hospitality (**Mariset and M Plaza Hotels**), intercity transport, water production (**GH Life Water**), and the restaurant and music industries.

His entrepreneurial journey, marked by diligence, innovation, and resilience, has earned him numerous awards, including the **Ministry of Tourism's Best Hospitality Award (2002)** and the **Ghana @60 State Award for Best Hospitality and Tourism (2017)**. These accolades reflect his outstanding leadership in transforming Ghana's business landscape.

Beyond his business acumen, **Mr. Osei Akoto is a man of great compassion and generosity.** His philanthropic efforts have impacted countless individuals, groups, and religious institutions. His contributions to the **Presbyterian Church of Ghana, the Catholic Church, and numerous other organizations** are testaments to his dedication to humanity and service.

In the field of education, his remarkable support for the **School of Pharmacy and Pharmaceutical Sciences – University of Cape Coast,** particularly his instrumental role in establishing the Skills Laboratory, has significantly enhanced practical learning and professional training the Doctor of Pharmacy Students.

For his distinguished service, selfless dedication, and profound impact on business, education, and community service, the University of Cape Coast, with great admiration and gratitude, **bestow this**

citation upon Mr. Stephen Osei Akoto. May his legacy of excellence, service, and innovation continue to inspire generations.

MRC HOLLAND

This philanthropic organisation is the fruit of a North-South marital union that has benefited and continues to benefit The Gambia in the area of education across the board: primary, secondary and tertiary institutions are all beneficiaries of the philanthropic gesture of MRC Holland under the stewardship of Mrs Henrietta Sonko, a Dutch lady who is married to a Gambian.

Mrs Sonko - not to say MRC Holland - is a philanthropist with a difference; unlike other philanthropists who probably unknowingly transform The Gambia into a cemetery of dilapidated items, Mrs Sonko constructs class rooms, colleges and hostels for students. In addition to these, MRC Holland has provided more than 5 thousand scholarships to students since its inception scores of years ago. Key projects accomplished by MRC Holland in the tertiary sector include:

1. The construction of five two-storey buildings at the Gambia Teachers College in Brikama;
2. The construction of a new Teachers College with hostels in Basse, the second capital of The Gambia;
3. The construction of two class room blocks for the University of The Gambia during her residency at the Brikama Teachers College campus in order to mitigate the space constraints it was faced with.

More to the above-mentioned gestures, it is heartwarming to report that MRC Holland has offered to construct student hostels at the new Faraba Bantang main Campus at no cost to the University at all.

ACADEMIE NATIONALE DES SCIENCES ET TECHNIQUES DU SENEGAL (ANSTS)

The Senegal Academy of Science and Technology (ANSTS) was created at the end of the constitutive General Assembly on 9 November 1999. ANSTS is a consultative structure, a consultation and assistance body for both, public and scientific authorities, a centre of competence and expertise for the design of knowledge and thinking. It has a general advisory mission.

ANSTS sets to assist in National Policy, encourage scientific research, initiate, drive and develop programs in science and technology. They also award prizes to people who have distinguished themselves through their work, encourage scientific vocations among young people and women, contribute to the development of scientific culture and the rapprochement between science and society.

Dr Moctar Toure, President of ANSTS, recently took part in the meetings of the Academy of Sciences of Cameroon for the submission of his document of participation in the implementation

of the national development strategy for Horizon 2030. These and many more are the various contributions of ANSTS to the development of education in the region.

ABDUL SAMAD RABIU

A Nigerian businessman and philanthropist with conglomerate concentrating on manufacturing, infrastructure and agriculture. He has earned several awards including a Nigerian national honour of Commander of the Order of the Federal Republic (CFR), Commander of the Order of the Niger national honor in Nigeria as well as the Grand Commander of the Order of Merit of Niger (GCON) Honour in Niger Republic.

The Abdul Samad Rabiu Africa Initiative (ASR Africa) is an annual pledge of \$100,000,000 (USD) dedicated to Health, Education and Social Development issues in Nigeria and the African Continent.

The goal of ASR Africa and its Founder Abdul Samad Rabiu *CFR, CON* is to support the ongoing efforts by various governments to bridge the development divide cross Africa. Keeping to this promise, the Foundation has and continues to give grants, donations, and constructions of educational facilities across Africa.

JAMB

The Joint Admissions and Matriculation Board (JAMB) is a Nigerian entrance examination board for tertiary-level institutions. The board conducts Unified Tertiary Matriculation Examination for prospective undergraduates into Nigerian universities. The board is also charged with the responsibility to administer similar examinations for applicants to Nigerian public and private monotechnic, polytechnics, and colleges of educations.

JAMB under the stewardship of the current Registrar, Professor Ishaq Olanrewaju Oloyede has contributed immensely to the educational sector in Nigeria as well as made very impactful strides in the development of education in the West African sub region.

NUC

The **National Universities Commission (NUC)** is a Nigerian government agency that regulates higher education. It was established in 1962 as an advisory body and is now part of the Federal Ministry of Education. Over the years, the Commission has transformed from a small office in the cabinet office to an important arm of government in the area of development and management of university education in Nigeria. Professor Abdullahi Yusuf Ribadu is the current Executive Secretary of the National Universities Commission (NUC) in Nigeria. He took office on December 6, 2024

The main functions of the Commission are outlined as follows:

- i. Granting approval for all academic programmes run in Nigerian universities;
- ii. Granting approval for the establishment of all higher educational institutions offering degree programmes in Nigerian universities;
- iii. Ensure quality assurance of all academic programmes offered in Nigerian universities; and
- iv. Channel for all external support to the Nigerian universities.

TETFUND

The Tertiary Education Trust Fund (TETFund) is an intervention agency set up to provide supplementary support to all levels of public tertiary institutions with the main objective of using funding alongside project management for the rehabilitation, restoration and consolidation of Tertiary Education in Nigeria.

TETFund has over the years conducted its Mandate and Objectives to improve the quality of education and infrastructure of the Nigerian tertiary educational system through its various interventions and programmes. This continues to be so under the leadership of the current Executive Secretary, Arc. Sonny Echono.

AWAU PARTNERS

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