



-VOICE

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NIN-SIM LINKAGE ALONE CANNOT END INSECURITY - PROF SODIYA

The Federal Government of Nigeria directed Mobile Network Operators (MNOs) to bar outgoing calls on subscriber's allotted line(s) yet to be linked with the National Identification Number (NIN) database.



It was reported that the National Identity Management Commission (NIMC) has issued over 78 Million unique NINs till date, and over 125 million SIMs have had their NINs submitted for immediate linkage, verification and authentication, while estimated 72 million telecoms subscribers were affected following the directive by the FG to commence the enforcement of the Policy on all SIMs issued (existing and new) in Nigeria.

It would be recalled that President Muhammadu Buhari gave the directive through Professor Isa Pantami, the Minister of Communications and Digital

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Economy, for the implementation and commencement of the exercise in December 2020, as part of the administration's security and social policies.

However, many Nigerians have questioned the potency of the NIN-SIM linkage, particularly as acts of terrorism, kidnapping, banditry, armed robbery and arson, have continued unabated.

Some are asking why intelligence has failed the security agencies despite the NIN-SIM linkage which they believe have failed to yield expected results.

But in a chat on 'Solving the National Security Challenges Using Technology', Professor Adesina Sodiya, the President, Nigeria Computer Society, said the issue has been in the front burner, however, the citizens must understand that NIN-SIM linkage alone cannot solve the social vices.

He said had set up a Technical Committee to recommend possible technological interventions to assist the security agencies to tackle the menace.

Prof. Sodiya speaks:

"We even set up an in-house technical committee which I told you about the last time we chatted. The committee has been strategizing, coming up with adoptable and implementable solutions towards solving our national security using technology.

"The committee submitted the report and NCS as a body has made recommendations to the appropriate quarters including Office the National Security Adviser (ONSA), the military, etc. The central message of that report is how to leverage technology to drive intelligent gathering, using unmanned devices to monitor these criminal elements, and even how to leverage listening devices to tap into their network and obtain intelligence. These devices can be deployed in critical areas. Well, some of them acknowledged our proposal. However, we shall continue to speak until the country is salvaged.

Nobody is proud of what is happening in the country, especially where we have been listed among 'Top 10 Hungry Nations'.

"We have also been listed among the 'Top 20 Most Dangerous Nations' in the world. These statistics are not good for our country. The criminals who set these records for the country must be flushed out. It is heartbreaking to 'see' bandits attack a train.

"If we flash out minds back to few months ago, one of the reasons the government insisted on implementing the policy on NIN-SIM linkage was because of security. Security is on the top three agenda of President Muhammadu Buhari's administration.

"Well, the issue is that NIN-SIM linkage policy on its own will not solve our problem. But it is a step towards solving our problems. With NIN-SIM linkage you can have an idea where a call is coming, who used the line, who registered the line – the three must be brought to book to nib insecurity in the bud.

From our investigations, many criminals have been apprehended because of the NIN-SIM linkage policy. At the same time, we need to deal with radicalization of the citizens by some ideologists who are

bent on causing disaffection in the country. It is not ideology vs technology. Technology can work to the extent it was deployed and configured, but ideology spreads like wild fire.

"So, tackling our security challenges requires collective effort. In most cases, the communities need to provide intelligence to the security agencies to then deploy technology. On the other hands, professionals need to be involved. If we are talking about smart city, smart security, drones, artificial intelligence, and other emerging technologies that can help to combat insecurity, then we need to recruit professionals into the security apparatuses of the nation to assist in deploying and manning the gadgets. We can't rely on trial and error to combat insecurity; and the Nigeria Computer Society (NCS) is always ready to assist the government in this regard".

SODIYA: NIGERIA MUST DEVELOP CAPABILITIES IN EMERGING TECHNOLOGIES

The President, Nigeria Computer Society, Professor Adesina Sodiya, speaks on the need for Nigeria to develop capabilities in emerging technologies that will drive national development, among other burning issues. Emma Okonji presents the excerpts:

What is your view about the use of technology in driving national development in today's digital era?

Skills in Artificial Intelligence (AI) and Robotics are key in developing capabilities of a country, but very few Information Technology (IT) professionals in Nigeria are in the area of AI and Robotics. As a nation we need the full adoption of emerging technology skills and NCS is encouraging Nigerians to develop digital skills in emerging technologies. We need to adopt AI in Health,

Agriculture, Communications, e-Commerce, Education, among others to drive national development.

How will you describe the digital economy policy of government, and how is the policy driving national development?

Towards the end of 2019, the federal government, through the Head of Service, issued a policy that all Ministries, Departments and Agencies (MDAs) of government should begin the process of digitising their operations and processes. NCS wrote to head of service, telling him that NCS will partner government in implementing the policy. It is of interest to NCS to see that all government processes are automated and the first process of automation is digitalisation. Physical file and processes cannot be automated



without digitising the files and processes.

To achieve this, government must create the department of Information Technology (IT) in all MDAs to drive digitisation of government services and processes. Today not all MDAs of government have IT department. Most federal ministries do not have separate department for IT and this is miss-normal, because government cannot talk of automating services of MDAs to drive digital transformation in government, when it has not created IT departments to drive the initiative. If we do not have a separate department of IT, it will be difficult for government to achieve its mandate on digital transformation in civil service. As an advocacy group, NCS will continue to seek partnership with government on digital skills and digitisation of government services and processes.

What has been the result of NCS' advocacy and promotion of IT development in Nigeria?

When the current administration of NCS came on board in 2019, we discovered that many did not know about the contributions of NCS on IT development in Nigeria, even when NCS has existed for more than 40 years and we decided to create that awareness among Nigerians. We put up our own strategies to ensure that we take NCS and its contributions to the nooks and crannies of this country. In 2019, some of our activities were put on hold because of the COVID-19, but we have since resumed some of those activities and we will continue to engage online with individuals and organisations. We have had engagements with banks and corporate organisations in the past.

As part of our strategies, we ensured that all the Chapters of



NCS were active and vibrant. In 2019, we had only nine Chapters of NCS, but as of today, we have 27 active chapters across different states of the country, and a total of 15,000 members across the country. NCS is a member international technology bodies and we are recognised internationally.

President Muhammadu Buhari's administration is focused on the policy of attaining full digital economy for Nigeria and NCS, as an advocacy group, has been in full support of the policy. The Minister of Communications and Digital Economy, Dr. Isa Ibrahim Pantami has been at the forefront in driving digital transformation policies in the country and NCS has been in support of most of the policies, especially the Data Protection Policy that is very dear to NCS.

NCS is also in support of the federal government policy on NIN-SIM registration because it

will help to address insecurity in the country and also in identifying Nigerians on any network they are registered with. It will help to identify bandits, terrorists and kidnappers who are involved in different criminal activities. This is because once a line is registered with any operator, the operator automatically have the details of the subscriber and the geolocation of such subscriber could be traced and tracked, if the person is found wanting. No nation can grow without having full knowledge of her people and that is what NIN-SIM registration and linkage is all about. However the federal government must ensure it uses the policy to effectively achieve what it is designed to achieve.

What is your take on youth development and innovation in Nigeria?

NCS understands and appreciates what the youths in



Nigeria are doing in terms of developing products and solutions that are viable and marketable. We have up-coming technology startup companies that are doing well both in Nigeria and outside of Nigeria. NCS has been at the forefront, supporting youths activities, especially in digital innovation. We have worked with several of them and we have been able to transform their ideas and products into viable and marketable products. Our target at NCS is to guide and support youths innovation that will result in solutions that could be deployed within and outside of the country in order to increase Nigeria's foreign exchange earnings. To achieve this, NCS created tech programs like: Tech Innovation program and the NCS Hackathon, which seek to train Nigerian youths on digital skills acquisition. We have increased our project needs for

our tech innovation program from N50 million to N250 million, because we want to expand our scope. We appreciate the Chairman of Zinox Group, Leo Stan Ekeh for supporting the program. Call for entry for the 2022 edition just ended and we will soon call for pitching to select 10 beneficiaries in this edition. Our focus this year is hinged on three models: Transformation into a business model where NCS will provide the initial support that will help them setup a business; Helping entrepreneurs to develop and market products; Giving the product to an organisation to adopt it and market it.



NCS INSISTS ON ADOPTION OF EMERGING TECHNOLOGIES TO ADDRESS NIGERIA'S GROWING SECURITY CHALLENGES

Worried about the growing security challenges in Nigeria, coupled with the impunity with which bandits attack communities at will, the Nigeria Computer Society (NCS), the umbrella body of all computer professionals in the country, has insisted that the adoption of emerging technologies would help to address the situation.

President of NCS, Prof. Adesina Sodiya, who said this in an interview with THISDAY Newspaper in Lagos, explained that the impunity was getting out of hand and also making the federal government to look helpless, but he insisted that the adoption of emerging technologies like Artificial Intelligence (AI), Augmented Realities (AR), Robotics and the use of drones and unmanned vehicles, would help to checkmate those perpetrators that are involved in the act and those instigating others into horrific crimes in the country.

“NCS is suggesting the use of drones and unmanned vehicles, and other emerging technologies to monitor

criminal activities in the country. We have the capabilities and the resources, what we need is collaboration from the federal government to address insecurity in Nigeria,” Sodiya said.

He further said: “NCS has a technical committee on national security and the committee has been working for quite sometime now and it has come up with its report, which NCS has forwarded to the Office of the National Security Adviser (ONSA), Military Intelligence Formations and to all security organisations of government. The report itself is centred around how best we can use technology for intelligence gathering and how to use various devices to monitor insecurity across the country. We took interest in this because of the level of insecurity across the country, which is currently threatening development and unity of the country.”

Analysing the effect of insecurity in Nigeria, Sodiya said he became more worried when Nigeria was recently ranked among the top 10



nations with high security risks, as well as among the top 10 poor nations that have been ravaged by insecurity, insisting that such ranking is not good for us as a nation.

The professor of Computer Science said those perpetrating evil in the country were doing so with impunity and that government seems helpless. He however said Nigeria would need the adoption of emerging technologies to address all of these.

He also said the ongoing registration to obtain National Identification Number (NIN) and the linking of NIN to Subscriber Identification Module (SIM), which was introduced by the federal government with the intention to address insecurity in the country, is a good initiative, but explained that the NIN-SIM linkage policy of government, must be well implemented. "Nigerians are currently facing challenges because of the policy but I know it will only last for some time and eventually ease off. Those whose SIMs have been barred, should do their best to

resend their NIN to their network operators for revaluation and linkage. The situation where those who kidnapped people, still use mobile phones with registered SIM cards to call families of their victims to negotiate for ransom, is absurd and should stop. One of the ways to stop it, is to ensure that all SIMs are duly registered such that people could be traced to their geographical locations, when necessary," Sodiya said.

NCS, he said, recently had its Artificial Intelligence Summit in Nasarawa State, where it set up a working group on AI and Robotics, and mandated the working group to further escalate discussions on AI and Robotics, and to come up with workable ideas and solutions, with which the NCS will use in making useful recommendations to government on AI and Robotics development and adoption in Nigeria.



NCS URGES ALL MDAS TO ESTABLISH AN IT DEPARTMENT

The Nigeria Computer Society (NCS), the umbrella organization for all information technology (IT) professionals in Nigeria, has urged for the creation of IT departments in federal, state, and local government Ministries, Departments, and Agencies (MDAs).

During a conversation with news journalists in Lagos, Professor Adesina Sodiya, President of NCS, emphasized the importance of the government creating an IT department in all MDAs.

In today's digital world, where knowledge-based capabilities in IT are driving development, he said the creation of an IT Department will assist government drive IT development much more quickly.

"Towards the close of 2019, the federal government, through the Head of Service, announced a policy requiring all MDAs to begin the process of digitizing their operations and processes," according to NCS President.

"NCS is interested in seeing that all government operations are automated, with digitalisation being

the initial step in that process." There is no way to automate physical files and operations without first digitizing them. "As an advocacy organization, NCS will continue to seek collaboration with the government on digital skills and the digitalisation of government services and processes," Sodiya stated.

He did say, however, that in order to accomplish automation in government circles, all MDAs should establish a Department of Information Technology to advance digitisation of government services and processes.

"Today, not all government MDAs have an IT Department. Most federal ministries lack an IT department, which is abnormal because governments cannot talk about automating MDA services to drive digital transformation in government without first establishing IT departments. It will be difficult for the administration to meet its mandate on digital transformation in the civil service if we do not have a distinct Department of IT," Sodiya remarked.



NCS ATTENDED THE WORLD CREATIVITY AND INNOVATION DAY CELEBRATION

The Second Edition of the World Creativity and Innovation Day Celebration with the theme 'Creativity And Innovation: Powering Collaboration for a Sustainable Digital Economy' targeted at encouraging creativity and innovation amongst the

youths to drive a sustainable digital economy was hosted by NCAIR, the Office for Nigerian



Digital Innovation (ONDI) and subsidiary offices of the National Information Technology Development Agency (NITDA), at the National Center for Artificial Intelligence and Robotics (NCAIR), Wuse District, Abuja on the 21st April, 2022, with participants drawn from both far and near amongst the federal MDAs and the young innovators across the country.

In his goodwill message, Mr. Rex Abitogun, who represented the President of Nigeria Computer Society, Professor Adesina S. Sodiya congratulated the Center for the initiative, stressing that for a sustainable digital economy, Artificial Intelligence should be fully

adopted. Nigeria Computer Society, on its part, has continuously demonstrated its commitment

to ensuring that AI is fully adopted in Nigeria's Technology space with reference to the first-ever NCS Artificial Intelligence Summit recently held at Lafia, Nasarawa State. Mr. Abitogun used the opportunity to invite all participants to the forthcoming NCS International Conference with the theme 'Smart, Secure & Sustainable Nation' slated for August, 2nd - 4th, 2022 in

Abeokuta, Ogun State.

The Celebration featured amongst others, 'Innovation Pitch Competition'. Five Startups; namely -Fascinate Technologies, Green AI, FuelIntellisense, Bridgeinspace, and XCMED pitched their solutions. Fascinate Technologies solution - on telemedicine, Green AI - on agriculture, Fuelintellisense - on transport, Bridgeinspace - on smart waste bin and XCMED - on a smart cane for the visually impaired.

A five-man panel of Judges was on the ground to assess these start-ups and the result came out as follows:

Green AI- first position (Two Million Naira) prize; Fuelintellisense - second position (One Million, Five Hundred Thousand Naira) Prize; Bridgeinspace - third, position (One million naira); XCMED and Fascinate Technology - fourth and fifth positions (five hundred naira) respectively.

In attendance among others were:

- Honourable Minister of

Communications and Digital Economy, Prof. Isah Ali Ibrahim Pantami FNCS

- National Director, NCAIR, Engr. Yau I. Garba
- Director-General, National Information Technology Development Agency (NITDA), Mallam Kashifu Inuwa
- Reps from Abuja Enterprise Agency
- Reps from University of Lagos
- Reps from Bureau of Public Procurement
- Chairman Conferences Committee-NCS, Mr. Ayodeji Rex Abitogun FNCS
- NCS North Central Zonal Coordinator, Mr. Bayo Onimode
- NCS Abuja Liaison Officer, Mr. Sunday Songo





NCS-JIM OVIA SCHOLARSHIP



Call For Entry

Application is now open to interested and qualified candidates for the 2022 NCS-Jim Ovia Scholarship Fund organized by the Nigeria Computer Society (NCS).

Objectives of the Scholarship:

- Support and promote Computing/ Information Technology Education in Nigeria
- Assist in developing the needed manpower for the technological advancement of the nation

Who can Apply:

Undergraduate and Post Graduate students of Computer Science, Information Technology or related courses in any recognized university.

Category of Award:

Bsc., MSc and PhD

Application Deadline:

May 31, 2022

How to Apply:

Complete the application online at www.ncs.org.ng

Enquiries: National Secretariat

Ijeoma: Tel./WhatsApp: +234 803 721 3920

Lilian: Tel./WhatsApp: +234 706 699 2199

E-mail: educomm@ncs.org.ng

NCS REPRESENTED AT THE FINAL BURIAL OF THE MOTHER OF OUR CHAIRMAN, EDUCATION COMMITTEE



NCS National Secretariat

ADDRESS: Plot 10 Otunba Jobi Fele Way, Alausa, Ikeja, Lagos State



For More Enquiries:

Visit: www.ncs.org.ng or Email: ncs@ncs.org.ng or Call 08097744600, 09038353783



YEAR 2022 EVENT PLANNER

S/N	EVENT TYPE	PROPOSED VENUE	PROPOSED DATE
1	IT Education/eLearning Forum	Virtual	January 19, 2022
2	NCS-Pantami Hackathon for Digital Economy	Abuja	February 23 rd & 24 th , 2022
3	Artificial Intelligence (AI) Summit	Nasarawa State	March 23 rd – 25 th , 2022
4	CISCO/ORACLE Training	Lagos	April 5 th to 7 th & April 18 th to 20 th , 2022
5	Research & Development Workshop	Enugu	May 2 nd to 4 th , 2022
6	Information Technology Professionals' Assembly (Computer Professionals Registration Council of Nigeria)	Abuja	May 18 th - 19 th , 2022
7	Cyber Security Forum & Workshop	Abuja	June 8 th – 10 th , 2022
8	Information Technology Business Forum	Virtual	June 28 th , 2022
9	Annual International Conference	Abeokuta, Ogun State	August 2 nd – 4 th , 2022
10	Grand Finale of the National IT Competition for Tertiary and Secondary Schools	Abeokuta, Ogun State	August 3 rd – 4 th , 2022
11	E-Health Forum and Workshop	Lagos State	September 12 th to 14 th , 2022
12	Workshop: Business Perspectives to Data Sciences and Artificial Intelligence	Kaduna State	October 4 th – 9 th , 2021
13	National Information Technology Merit Awards (NITMA) & Fellowship Conferment	Lagos State	November 17 th , 2022
14	National Information Technology Exhibition (NITEX) and Innovation Show	Lagos State	December 6 th – 8 th , 2022

For Participation, Advertisement & Sponsorship of any of the Events, please contact:

National Secretariat: Plot 10, Otunba Jobi Fele Way, Behind MKO Abiola Gardens,
Central Business District, Alausa, Ikeja, Lagos State

Tel: 08097744600, 09038353783 | E-Mail: ncs@ncs.org.ng





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...Umbrella Organisation for all IT Professionals & Stakeholders in Nigeria

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Advancement and Promotion of Computing/Information Technology Education and Practice for the benefit of all.

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NIGERIA COMPUTER SOCIETY (NCS)

- Career and capacity development
- Contribution to national IT development
- Scholarship opportunities
- Network with IT experts
- Promotion of sound, modern and continuous IT Education
- Mentorship
- International collaboration and partnerships
- Internships
- Supports for startups and young innovators
- Research and innovation funding
- Professional recognitions
- Exhibition of products and services of members
- Local content development
- And many more

To register, visit www.ncs-portal.org.ng
For further information, visit www.ncs.org.ng

Come, Let us promote IT together in Nigeria.

NCS National Secretariat

ADDRESS: Plot 10 Otunba Jobi Fele Way, Alausa, Ikeja,
Lagos State



For More Enquiries:

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0803 779 1078.**



NCS INTERNATIONAL CONFERENCE 2022

The theme for the conference is Smart, Secure, and Sustainable Nation (S3N 2022)

Sub-themes:

The thematic areas for this conference fall into three main areas: Smart, Secure, and Sustainable Nation. Authors are encouraged to align their submissions accordingly.

1. Smart Nation- Focus will be on design, regulatory, security, and auditing issues. Key thematic areas are

- Intelligent Cities- Design and Regulatory Framework
- e-Governance And Policy Framework
- e-Health and Smart Healthcare
- Precision and Intelligence Agriculture
- Regulation and Digital Consumer Privacy
- Smart Security and Surveillance System
- Software Systems and Architectures
- Applications and Tools
- Big Data Analytics and Applications
- Artificial Intelligence and Applications
- Computer Networks, Mobility and Pervasive Systems

2. Secure Nation - The focus here will be on the deployment of ICT solutions that handle issues relating to system security

- Critical National Infrastructure
- Intelligent and Decision Support Systems
- Cyber Security
- Call Tracking & Counter-Terrorism
- Computer Forensics & Information Auditing
- IT Governance and Ethics (Suggestion)
- Virus/Antivirus
- 5g Technology and Industrial Revolution

International Conference on
Smart, Secure and Sustainable Nation
(S3N 2022)

2nd - 4th August, 2022

June 12 Cultural Centre,
Abeokuta, Ogun State, Nigeria

CALL FOR PAPERS

<https://www.ncs.org.ng/event/international-conference>

3. Sustainable Nation - The focus here is on digital inclusiveness

- Citizen Engagement: Security, Privacy, and Trust
- Digital Economy and Technopreneur
- ICT in Education - The Future of Learning
- Future of Work: Ergonomics and Smart Culture
- Innovative Skills, Youth Innovation and Sustainable Productivity
- ICT Regulation
- Media, Applied Technology, and Communication
- Social Computing/Interactions

Important Dates

Full Paper Submission Deadline - March 31, 2022

Notification of Acceptance - April 30, 2022

Final Manuscript & Registration - June 15, 2022

Conference Date - August 02-04, 2022



STAY SAFE: PROTECT YOURSELF AND THOSE AROUND YOU

THE COVID-19: WE WANT YOU TO STAY ALIVE

Dear professional colleagues, Nigeria Computer Society (NCS) as a Professional body in Nigeria are not oblivious of the pandemic ravaging the world called 'COVID-19'.

We care for our members. Therefore, we wish to inform our precious and distinguished members of the need to pay utter attention to basic preventive measures against COVID-19.

Stay aware of the latest information on the COVID-19 outbreak, available on the WHO website and through your national and local public health authority. Most people who become infected experience mild illness and recover, but it can be more severe for others.

Take care of your health and protect others by:

- a. Constantly getting basic preventive measures and current updates from WHO (<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>). Kindly always follow the guidelines as outlined
- b. Paying attention to national and international information on COVID-19
- c. Being an health ambassador by helping to sensitise the public on preventive measures against the virus
- d. Ensuring you always take advice from healthcare professionals
- e. Taking general measures to improve your health conditions

Nigeria Computer Society (NCS) wants our members to always be strong and healthy. Together we shall continue to build strong and virile IT Profession.

Stay Alive!!!

Executive Secretary
NIGERIA COMPUTER SOCIETY (NCS)
www.ncs.org.ng

<p>STAY AT HOME IF YOU ARE UNWELL</p>	
<p>WASH YOUR HANDS REGULARLY</p>	
<p>COVER COUGHS AND SNEEZES WITH FACE MASK OR DISPOSABLE PAPER TISSUES</p>	
<p>STAY 1.5 METRES AWAY FROM PEOPLE WHO ARE COUGHING OR SNEEZING</p>	
<p>AVOID TOUCHING YOUR FACE, NOSE AND MOUTH WITH UNCLEAR HANDS</p>	





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PANTAMI

HACKATHON FOR DIGITAL ECONOMY

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International Conference on Smart, Secure and Sustainable Nation (S3N 2022) Call for Papers

2nd-4th August 2022 **June 12 Cultural Centre, Abeokuta, Ogun State, Nigeria**

Preamble

The emergence of connected cities and data-driven nations is making planning and decision-making easier at the global level. Different studies have ranked Africa low in adopting technology to build a safe, secure, and sustainable economy. At the heart of the technology driving innovation is data and citizens engagement. In transforming our nation to meet future demand, we must use technology to create a more sustainable and livable present and secure future for our citizens. We must change our approach and challenge the status quo. Our quest for innovation leveraging research and development must increase. We must develop effective strategies to achieve a **Smart, Secure, and Sustainable Nation**.

The government, the citizens, and the business environment must invest in relevant technologies to compete in the global space. This approach requires the right team with new mindsets and skills. The 2022 international conference on "Smart, Secure, and Sustainable Nation (S3N'22)" will bring together policymakers within the government, business leaders, members of academia, professionals, and practitioners to deliberate on broad social, economic, and technology trends relevant to the development and sustainability of our nation.

Scope and Topics

We, therefore, welcome authors and speakers to be part of the S3N'22 - The 2022 International Conference on Smart, Secure and Sustainable Nation, scheduled to hold from the 2nd to 4th of August 2022 at the June 12 Cultural Centre, Kuto, Abeokuta, Ogun State, Nigeria. Authors can now submit articles that present research results, innovative projects, critical literature reviews, and industrial experiences that describe the significant strategy in developing the next-generation digital economy relating to the theme and sub-themes.

Sub Themes

The thematic areas for this conference fall into three main areas: **Smart, Secure, and Sustainable Nation**. Authors are encouraged to align their submissions accordingly.

1. Smart Nation- Focus will be on design, regulatory, security, and auditing issues.

Key thematic areas are:

- Intelligent Cities- Design and Regulatory Framework
- e-Governance And Policy Framework
- e-Health and Smart Healthcare
- Precision and Intelligence Agriculture
- Regulation and Digital Consumer Privacy
- Smart Security and Surveillance System
- Software Systems and Architectures
- Applications and Tools
- Big Data Analytics and Applications
- Artificial Intelligence and Applications
- Computer Networks, Mobility and Pervasive Systems

2. Secure Nation - The focus here will be on the deployment of ICT solutions that handle issues relating to system security;

- Critical National Infrastructure
- Intelligent and Decision Support Systems
- Cyber Security
- Call Tracking & Counter-Terrorism
- Computer Forensics & Information Auditing
- IT Governance and Ethics (Suggestion)
- Virus/Antivirus
- 5G Technology and industrial revolution

3. Sustainable Nation - the focus here is on digital inclusiveness;

- Citizen Engagement: Security, Privacy, and Trust
- Digital Economy and Technopreneur
- ICT In Education- The Future of Learning
- Future of Work: Ergonomics and Smart Culture
- Innovative Skills, Youth Innovation and Sustainable Productivity
- ICT Regulation
- Media, Applied Technology, and Communication
- Social Computing/Interactions

Instructions to Authors:

- Authors are to submit full papers in English on original work intended for presentation at the conference. Only full papers submitted through [easychair](https://easychair.org/cfp/S3N2022) will be considered. Please use the link <https://easychair.org/cfp/S3N2022> to submit your paper.
- Paper submission must include full details of authors (names, addresses, and e-mails) and their affiliations.
- All Papers should not be more than 4,000 words, single-spaced in Times New Roman with 12 point font size using the American Psychological Association (APA) referencing style 7th Edition
- Where there are multiple authors, at least one author must pre-register to qualify for inclusion of the paper in conference proceedings.
- Selected papers may be considered for publication in International Journals, including the Journal of Computer Science and Its Applications; and the International Journal of Information Security, Privacy and Digital forensics published biannually by Nigeria Computer Society.
- All approved papers for presentation will be in NCS supported PowerPoint (.ppt) presentation format which will be communicated to Authors of approved papers.
- All submitted papers will be peer-reviewed by qualified reviewers. The authors are requested to submit their original and unpublished work in full not later than March 31, 2022
- Authors are advised to employ the IMRaD (Introduction, Methodology, Results and Discussion) format for their papers.
- Authors are also advised to check the plagiarism status of their papers before submission. Note that the maximum acceptable similarity index for the papers in this Conference is 15%.

All submitted papers must be previously unpublished and may not be considered for review or publication somewhere else during the period at which such articles are undergoing NCS review.

Selected papers will be published in *FIP Advances in Information and Communication Technology*, indexed by SCOPUS, WoS, Google Scholar, SCImago, among others, and will be available in the SpringerLink Digital Library.

Participation Fee

	Early Bird March 1 - May 30, 2022	Mid Bird June 01 - July 15, 2022	Venue
NCS Member	₦50,000	₦55,000	₦65,000
Non Member	₦60,000	₦65,000	₦75,000
Student Member (NACOS) NCS-Registered	₦15,000	₦20,000	₦25,000
Student Non NCS Member	₦20,000	₦25,000	₦30,000
Virtual Participants	₦40,000	₦40,000	-
Authors	₦70,000	₦75,000	-
International Authors	\$200	\$250	-

Important Dates

Full Paper Submission Deadline: March 31, 2022 - April 30, 2022
 Notification of Acceptance: ~~April 09, 2022~~ May 30, 2022
 Final Manuscript & Registration: June 15, 2022
 Conference Date: August 02-04, 2022

Enquiries, adverts and Sponsorship:

Taiwo: +234-809-864-7348; Goke: +234 803 347 5299

Ayodeji Rex Abitogun FNCS
 Chairman Conferences Committee
 E-mail: conferences@ncs.org.ng
 Tel: +234-805-732-3870

www.conferences.ncs.org.ng

NCS National Secretariat

ADDRESS: Plot 10 Otunba Jobi Fele Way, Alausa, Ikeja, Lagos State



For More Enquiries:

Visit: www.ncs.org.ng or Email: ncs@ncs.org.ng or Call 08097744600, 09038353783



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ncs.org.ng

PROFESSIONAL FELLOWSHIP UPGRADE APPLICATION

REQUIREMENTS

The Nigeria Computer Society Fellowship award is granted to interested members with proven and verifiable track records; and known to be an authority in the field of computing with significant contributions to the growth of the profession over the years.

Requirements – (A):

1. Be at least thirty years of age and has not less than ten years relevant professional working experience, at least five of which must have been in position of senior management responsibility.
2. Has professional activities and achievements justified and accepted as an authority in the profession.
3. Be considered by the Society to be fit and proper person to be so recognized.
4. Holds a certificate of an examination or examinations recognized by the society for the membership grade.
5. Has his/her application sponsored by two fellows, who are financially up-to-date with NCS, College of Fellows and CPN.

6. Applicant for Fellowship grade must have been a Member for at least 10 (ten) years, of which at least 2 (two) years out of 3(three) years (preceding the date of application), of regular attendance/participation in the activities of the Society can be verified.
7. Must have been registered by CPN for at least 3 years

Requirements – (B):

1. First degree (HND or B.Sc.) in Computer Science/ Information Technology/any related discipline OR Computer Professional Examination (CPE Stage II)
2. Practicing IT for a minimum of 20 years
3. Must have registered with NCS and CPN or concurrently registering with the Fellowship application.
4. Must pay special admission fee to be determined by the Council.
5. Must also fulfil (2), (3), (4), (5) in Requirements – (A) above

Visit www.ncs.org.ng/fellowship/ to apply
Application Fee: N20,000
Submission Deadline: September 30th, 2022.

For further enquiries, please contact:

National Secretariat: Plot 10, Otunba Jobi Fele Way, Behind MKO Abiola Gardens, Alausa, Ikeja, Lagos
Tel: +234(0)8097744600, 09038353783 | E-mai: ncs@ncs.org.ng

Mrs. Tomiwa Loagunju, Head, Membership Department
Tel:08033517893 | Email: tomiwa@ncs.org.ng

NCS National Secretariat

ADDRESS: Plot 10 Otunba Jobi Fele Way, Alausa, Ikeja,
Lagos State



For More Enquiries:

Visit: www.ncs.org.ng or  Email: ncs@ncs.org.ng
or Call 08097744600, 09038353783



CYBERSECURITY FORUM AND WORKSHOP 2.0

📅 June 8th-10th, 2022 📍 National Open University of Nigeria, Abuja 🕒 9am-5pm Daily

Forum Talking Points:

- ✔ Financial Frauds
- ✔ Cyber Attacks
- ✔ Social Media Hacking
- ✔ Cybersecurity Education
- ✔ Formulating the Nation's Cybersecurity Strategies
- ✔ Cybersecurity Regulations

Workshop Topics:

- ✔ Modern Technologies for National Security
- ✔ Cyber Attacks Management Systems
- ✔ Intelligent Gathering and Surveillance
- ✔ Anti-Fraud Systems
- ✔ Proactive Cybersecurity Strategies
- ✔ e-Platforms Security
- ✔ Enterprise Risk Management
- ✔ Data Governance

For Whom:

- ✔ Financial Institutions
- ✔ Regulatory Agencies
- ✔ Governments
- ✔ Telecommunication Institutions
- ✔ Corporate Organisations
- ✔ Information Technology Professionals
- ✔ Security Experts
- ✔ Law Enforcement Agencies

Participation Fees:

Forum (Day 1 Only) : FREE

Workshop (Days 1, 2 & 3):

- Member: N50,000.00
- Non-Member: N60,000.00

For Participation, visit

www.ncs.org.ng/cybersecurity

For Further Enquiries, Contact:

The National Secretariat: Plot10, Otonba Jobi Fele Way
 Behind MKO Abiola Gardens, Central Business District, Alausa, Ikeja, Lagos State.
 Tel.: 08097744600, 09038353783 | E-mail: ncs@ncs.org.ng
 Taiwo on +234(0)8023647348 | Goke on +234(0)8033475299

Abuja Office: Plot 1321, Aderemi Adesoji Street,
 Cadastral Zone B1, by Hot FM, Gudu District, Abuja
 Sunday on +234(0)7033020271 | sunday@ncs.org.ng





TECH-INNOVATION DEVELOPMENT PROGRAMME

(Transforming ideas into innovative tech solutions)

www.tidp.ncs.org.ng



ABOUT TIDP

The Tech-Innovation Development Programme (TIDP) is to provide support for the development of innovative solutions, tools and technologies for enhancing the national growth. The Tech-Innovation Development Programme (TIDP) shall be funded through a special fund, the Tech-Innovation Development Fund.

Mission

- ✔ To develop and sustain technological innovations for the acceleration of creative entrepreneurship and rapid economic growth of the nation.

Vision

- ✔ To transform Nigeria through digital innovations

Note:

- ✔ Only Team Registration is allowed
- ✔ NCS Membership is **Required** optional



THEMATIC AREAS

- ✔ Cybersecurity/ critical Infrastructure protection
- ✔ Financial Technologies (FinTech)
- ✔ Electoral systems
- ✔ E-government/ Digital Economy
- ✔ Smart cities
- ✔ Intelligent systems and robotics
- ✔ Teleworking & e-Platforms
- ✔ Industry 4.0
- ✔ Digital Games
- ✔ Messaging Platforms

Participation

- ✔ Do you have any Tech Idea?
- ✔ Can you initiate and develop tech solutions for enhancing National Development?
- ✔ Can you develop world class tech solutions?

Then Register for the 2022 NCS Tech-Innovation Development Programme (TIDP)

Registration Deadline: ~~March 25, 2022.~~
May 15, 2022

visit www.tidp.ncs.org.ng for partnership, participation and more information

Signed:
Mr. Iyiola Ayoola FNCS
Executive Secretary





COMPUTER PROFESSIONALS
(REGISTRATION COUNCIL OF NIGERIA)
[Established by Act No. 49 of 1993]

p r e s e n t s

2022 INFORMATION TECHNOLOGY PROFESSIONALS' ASSEMBLY



THEME: LEVERAGING IT FOR NATIONAL SECURITY AND ECONOMIC STABILITY



Wednesday 18th - Thursday 19th
May 2022



NAF Conference
Center, Abuja.



REGISTRATION FEES:

Virtual = N 25,000.00
Physical = N 65,000.00

Quick Call: 08033588145, 07035437642



NIGERIAN WOMEN IN INFORMATION TECHNOLOGY



7th

National Conference & 8th AGM

THEME

**Unleashing Innovations: Scaling up
Digital Skills for Women and Girls**



22nd & 23rd June 2022



Lagos & Online



9am daily

PHYSICAL ATTENDANCE

Early Bird N25,000 (ends June 12th, 2022)

Late Registration N30,000 starts 13th June, 2022

VIRTUAL ATTENDANCE

N10,000





2022 NCS INFORMATION TECHNOLOGY WHIZKIDS COMPETITION

• Introduction:

The National IT Whizkids Competition is to stimulate the interest and passion of young minds in Information Technology. The competition is organized by Nigeria Computer Society and other partners for Secondary school students. Entrants are expected to participate in the competition which is fully on IT related subject matter.

• Eligibility:

The Competition is open to all SS 1 and SS 2 students in any secondary school (Private and Public) in Nigeria. The entry application must be filled and submitted online via Nigeria Computer Society website www.ncs.org.ng

• Quiz Coverage:

Computer Studies Curriculum as approved by the Federal Government of Nigeria and emerging trend in technology.

• Rules and Important Dates:

- a. To enter, interested applicants must currently be enrolled in any secondary school across the Nation.
- b. Each school should register two (2) candidates to represent the school in the competition with a non-refundable fee of N2,000.
- c. Entry applicants must fill the competition application form on NCS Website
- d. Application Portal Opens- 10th January, 2022 and closes, 10th of April, 2022.
- e. Quiz at State level will be held from May 2nd - 4th, 2022.
- f. Quiz at Zonal level will be held from June 13th - 15, 2022.
- g. Quiz at National level will be held from July 5th, 2022 and the results will be announced that same day.
- h. Peradventures there is a tie in the scores; another quiz will be fixed to determine the winners.
- i. Winners will be officially recognized and awarded during the NCS Annual Conference.

Enquiries: (National Secretariat)

Ijeoma: 08037213920 || **Lilian:** 07066992199 || **e-mail:** educomm@ncs.org.ng



International Conference

SMART, SECURE AND SUSTAINABLE NATION (S3N ' 2022)



Tuesday, August 2nd - 4th, 2022




**Cultural Centre Kuto,
Abeokuta, Ogun State**

For sponsorship, participation and enquiries

 08098647348, 08057323870

 Conferences@ncs.org.ng

 www.conferences.ncs.org.ng

Save the Date



NCS National Secretariat (Head Quarters):

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Abuja Office:

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**FOR SUBMISSIONS OF ARTICLE
OR EVENT**

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