

Submission of Abstract

Abstract, in MS Word, of not more than 250 words should be submitted to:

nip40thconf@futminna.edu.ng

Include your **name, full address** and the **title of the paper** to be presented.

Deadline for the submission of Abstract is August, 12th 2017.

Research Article

Quality Papers that are presented during the Conference will be submitted for peer review, and if accepted will be published in the Nigerian Journal of Physics

Host

Prof. Musbau A. Akanji, *FNSBMB*
Vice-Chancellor
Federal University of Technology,
Minna, Niger State

Accommodation

Decent and affordable hotels are available in Minna:

1. DOKO Internal Hotels
City Gate Minna,
Rate: ₦ 4,000 - ₦ 18,000
Tel:
2. Haske Hotels and suites.tunga, Minna
Rate: N 4,000 - 14,000
3. Golden Palace Hotels Ltd.
Behind FUT Minna Bosso Campus,
Rate: ₦ 3,500 - ₦ 7,000
4. FUT Guest House.
Shiroro Road, Minna
Rate ₦ 3,000 ₦ 6,000

LOC Chairman

Prof. Uno E. Uno
Department of Physics
Federal University, Minna, Niger State,
Nigeria

LOC Secretary

Dr. A.A. Rafiu
Department of Physics
Federal University, Minna, Niger State,
Nigeria

Email:

nip40thconf@futminna.edu.ng

CONFERENCE SECRETARIAT

Department of Physics,
School of Physical Sciences,
Federal University of Technology, Minna,
Niger State, Nigeria

Tel: +234 08036544246,

nip40thconf@futminna.edu.ng

Advertisement

The LOC welcomes advertisement in the
Conference Programme booklet

Advert Rate

Full Page (colour)	₦ 15,000:00
Full Page (B/W)	₦ 8,000:00
Half Page (colour)	₦ 8,000:00
Back Cover	₦ 20,000:00
Inside Cover	₦ 18,000:00

First Announcement and Call for Papers

NIGERIAN INSTITUTE OF PHYSICS (NIP)



in collaboration with

Federal University of Technology
Minna, Niger State, Nigeria

announces its

40th Annual Conference

Conference Theme

THE ROLE OF PHYSICS AND TECHNOLOGY IN ECONOMIC RECOVERY

Date:

Monday, 9th – Friday, 13th October, 2017

Venue:

**CPES Hall,
Federal University Technology
Minna, Niger State,
Nigeria
BOSSO CAMPUS**

Sub-Themes

- * Physics in Exploration Industries of Natural Resources for National Development.
- * Electronics and ICT for National Security.
- * Physics Education and women Empowerment.
- * Entrepreneurship and Job Creation for Empowerment.
- * Atmospheric Physics, Energy and Space exploration for Economic Development.
- * Radiation Physics and Modern Trends in Health Care Delivery.

NIP COUNCIL MEMBERS

President: Prof. D.I. Malgwi, FNIP, Minst P (UNIMAID)
Vice-President: Prof. (Mrs.) I.G.E. Ibeanu, FNIP (ABU)
Secretary: Dr. H. O. Aboh, FNIP, Minst P (KASU)
Asst. Secretary: Mal.M.A. Sheriff, MNIP, (Fed.Poly.Dam)
Treasurer: Dr. A. Alkasim, MNIP (FUTY)
Financial Secretary: Dr. E.C. Okolie, MNIP (DELSU)
Editor: Prof. O.M. Oni, MNIP (LAUTECH)
Deputy Editor: Prof. B.J. Kwaha, FNIP (UNIJOS)
Publicity Secretary: Prof. I.O. Akpabio, MNIP(UNIUYO)
Chpt. Liaison Officer: Prof. A.S. Ekin, FNIP,(UNIPORT)
Ex-Officio Member: Prof. S.A. Jonah, FNIP (ABU)
Prof. M. Hassan, FNIP (UNIMAID)
Immediate Past President: Prof. E. E. Okwueze, FNIP,
FCAL (UNICAL)
Immediate Past Secretary: Prof. M. U. Onuu. FNIP,
FILAN (UNICAL)

LOC MEMBERS

Chairman: Prof. Uno E. Uno
Vice Chairman: Dr. K.U. Isah
Fund Raising: Prof. E.E. Udensi
Secretary: Dr. A.A. Rafiu
Treasurer: Ms J.O. Eichie
Financial Secretary: Dr. Ahmadu Umar
Technical Committee: Prof. O.B. Awojoyogbe
Publicity Secretary: Prof. O.D. Oyedum
Exhibition: Prof. K. J. Oyewunmi
Quiz: Dr. A.A. Adetona

Introduction

The Nigerian Institute of Physics (NIP) was established in 1973 and is the professional association for all Physicists in Nigeria. The 40th Annual Conference holds from 9 – 13 October, 2017 at Federal University of Technology Minna, The theme of this year's Conference is **"THE ROLE OF PHYSICS AND TECHNOLOGY IN ECONOMIC RECOVERY"** The Conference is an NIP's special purpose vehicle to keep Nigerian Physics Research capability at cutting edge, promote strategic thinking, and identify co-operation opportunities in fields of mutual interest between Academia, Industry, and other Public Sectors. The goal of this year's Conference is to increase existing research and development capabilities in various fields of Physics for National Growth and Sustainable Development.

About Federal University of Technology, Minna

The federal University of Technology, Minna is a Federal Government owned University in Nigeria. It was established on 1st February, 1983. The objective for its establishment is to give effect to the Nation's drive for the much-needed self-reliance in Science, Engineering and Technology. It is a specialized University of Technology



About the Department

The Department of Physics offers courses leading to the award of BTech in Physics/Electronics, Physics/Telecommunication, Physics/Computer Science and Physics/Material Science options. The design of the programme is such that students take all the requisite Physics courses for a 4 year Pure Physics option of conventional Universities and the added advantage of courses in applied option and Industrial options. This puts them at an advantage over the Conventional Pure Physics of most conventional Universities in the Country in terms of versatility and job access. The programme which takes five (5) years to complete is designed to expose students to acquire adequate knowledge of at least one (1) applied option/industrial option, to equipping them with the ability to be self reliant, be able to administer industry training school programme and to be employed as technicians in any related industry. The students should also be able to demonstrate resourcefulness in their approach to the use of technological skills using locally available materials. Electronics option belongs to the industrial option. It is the branch of physics that deals with the emission and effects of electrons and the operation of electronic devices, with electricity and magnetism being the basis of electronics. In addition to undergraduate programmes, the department also runs M.Tech and PhD courses in various options (Geophysics, Solid state Physics, Atmospheric Physics, Medical Physics and Nuclear Physics).

Conference Registration Fees

- Members: ₦ 20,000:00
- Non-Members: ₦ 30,000:00
- Corporate Bodies: ₦ 50,000:00
- Students with ID Cards: ₦ 2,000:00
- Annual Dues: ₦ 5,000:00

All Payments should be made to;

1. Annual Dues to be paid into:
Nigerian Institute of Physics
UBA, Account Number: 1004995103
 2. Conference Registration Fees and Others
to be paid Into: Nigerian Institute of Physics Minna
UBA Account Number: 1020198041
- NOTE: Ensure you come along with payment tellers to the Conference to collect your payment receipts.

Exhibition: ₦ 50,000:00 (Minimum)

Exhibition stand will be made available at the conference venue. The LOC invites NGO's, Scientific, Medical, Pharmaceutical, Education, Agriculture, commercial bodies and others to exhibit their goods and services at the conference. All interested person or group should please indicate their interest to LOC, latest 1st September, 2017

Opening Ceremony and Presentations

Keynote Speaker

Prof. P. N. Okeke, FAS, FNIP
University of Nigeria Nsukka