

# 2012 International Conference on Agriculture, Science and Engineering

Omoku-Nigeria  
September 3-7, 2012

## **About the Conference**

The International Conference on Agriculture, Science and Engineering is organized by the African Society for the Scientific Research in collaboration with several institutions and agencies across the globe. The Conference will be held in Omoku-Nigeria, September 3-7, 2012.

The ICASE is a premier gathering of professors, engineers, scientists, technologists, educators, administrators, innovators, policy makers, students and others interested in sharing ideas, knowledge and experiences. The major objective is to provide a unique environment to sharing innovative practices, cutting-edge research and unique experiences as well as strategies.

## **Welcome to ICASE 2012**

The Scientific Council of the African Society for the Scientific Research is pleased to welcome you to the 2012 International Conference on Agriculture, Science and Engineering taking place in the beautiful city of Omoku-Nigeria, September 3-7, 2012.

The Conference intends to receive unique proposals that focus on today's critical issues on teaching and learning. The Conference format consists of general sessions, featured workshops, panels, special forums and networking opportunities.

The Conference hopes to incorporate a variety of ideas, and opinions from a wide range of diverse individuals, organizations, and groups. Professional specialization and geographic distribution of Conference participants is encouraged. We are delighted to welcome you to the Niger Delta, a land of diverse geography, history and beauty. Omoku is one of the oldest cities in West Africa. Omoku, offers some unique possibilities for sight seeing. International guests, in particular, should be prepared for extra time so that they can enjoy some of the special sights including the gas flares, one of the most visited sites.

## **ICASE 2012 Committee**

The ICASE Conference Committee is made up of the Advisory Board and Scientific Council comprising a total of 50 members, seasoned scholars of international reputation from 38 different countries divided into several sub-committees. Professor Gerhard Bertchold is Chairman of the ICASE2012 International Scientific Committee.

***Organised by***

**African Society for the Scientific Research(ASSR)**

*With the Support and Cooperation of*  
International Association for the Scientific Knowledge, Portugal  
Universidad Azteca, Mexico  
Federal College of Education (Technical), Omoku-Nigeria  
West Coast University, Panama  
Universidad Central de Nicaragua, Nicaragua  
Asia Pacific Forum on Science Learning and Teaching, Hong Kong  
European Chemistry Thematic Network Association, France  
Afro-Euro Centre for Development Studies, Spain  
Maxwell Scientific Organization, United Kingdom  
International Digital Organization for Scientific Information, UAE  
Development Africa Consortium  
Beverly Resources  
Science and Education Foundation, Bulgaria  
Prague Development Centre, Czech Republic  
Vocational Training Institute, Mauritius  
KRE Publishers, India  
European School Science Project, Spain  
Centre for Environment and Community Development, Nigeria  
Raphael Nosike Foundation  
International Association for Teaching and Learning, Spain  
Human Resource Management Research Society(HRMARS), Pakistan  
Bulgarian Journal of Science and Education Policy(BJSEP)  
Science Education Review  
Contemporary Educational Technology  
International Journal of Academic Research in Business and Social Sciences  
Integrated Publishing Association, India  
Bentham Science Publishers Ltd

### **Objective of the Conference**

The ICASE is a global event with the mission of furthering the advancement and innovation in engineering, technology, science, agriculture, teaching, learning, industry, and development. The Conference serves as a means to connect and engage professors, engineers, technologists, researchers, consultants, innovators, managers, policy makers and others. The event offers an opportunity to meet and share ideas. It also inspire a new generation of global scientists and technology leaders in countries around the world.

### **Call for Papers and Panels**

Proposals are invited taking into consideration the motto, theme and sub- themes of the Conference. All proposals must be full texts. **We don't welcome only abstracts.** (See paper submission for details). The proposal's originality, its relationship to the Conference theme and the clarity of its objectives, organization and approach are factors considered in selection.

### **THEME**

**“Changing Boundaries: Innovations and Challenges in Agriculture, Science and Engineering”**

### **Agriculture**

Rural Development, Biomass, Animal Behavior, Geochemistry, Computers in Agriculture, Food and Nutrition, Plant and Tree Studies, Sea Studies, Marine, Crop Studies, Agronomy, Soil, Mycology, Fish, Forest, Genetics, Agribusiness, Hydrology, Land Use and Policy, Pesticides, Plant Pathology, Veterinary Sciences, Variable rate fertilization and spraying technology ; Recombination intertillage and weeding machinery; The damping, optimizing , reliability and intellectualization design technique for combine harvester; Economic crop harvesting technology and Machinery ;Straw bale-silagerer and efficient utilization new technology; Facility Agriculture control and high production new technology ;Seed Cleaning and Upgrading, processing, drying and store new technology ;Biological systems computational methods and intelligence in modelling and visualization simulation research; Agricultural equipment virtual prototyping, virtual test and reliability design method ; Intelligent design of biochips, bioinstrumentations; Precision farming technologies, equipment and instruments ; Large and medium-sized tractor and machinery in the design, manufacture and application ;Energy saving techniques and intelligent methods in developing vehicles, engines and agricultural equipments; Support for low carbon agriculture and sustainable development of the new technologies of agricultural engineering; Agricultural soil organic carbon compounds, organic carbon in stability and farmland productivity ;Circular agricultural engineering technology; Irrigation and agriculture, energy saving and new technology; Improve the efficiency of agricultural equipment technology, measures and mode; Ecological agriculture, green farming and organic agriculture, agri-tourism and other new mode; The new technology in utilization of clean and renewable energy resources, including solar, winder power and biomass; The techniques for sustainable and solar building , greenhouse Photo-Voltage Generation ;Wind/PV hybrid system and wind power generation system; Design, control and network connecting technology of big-scale wind turbine ; Biomass energy utilization new technology (Principle and application for biomass bioconversion

technology of stalk, energy crop, forest and seaweed bio-energy,etc.); The new technology in agricultural products processing and the quality analysis/ detection technology for food / agricultural products ;The application of HPLC in food/ agricultural products' detection and analysis ;The application of mass spectrometry in food/ agricultural products' detection and analysis ;The application of spectral analysis technology in food/ agricultural products' detection and analysis ;The application of bio-detection technology in food/ agricultural products;The application of rapid detection technology and traceable system in food/ agricultural products;The new technology in agricultural products processing; Agricultural Education

## **Science and Applied Science**

Botany, Ecology and Nature Conservation, Waste Management; Astronomy  
Biology; Biotechnology; Biochemistry; Chemistry; Computers; Earth Science; Ecology;  
Energy; Environment; Geography; Geology and Geophysics; Information Technology; Life  
Sciences; Mathematics; Medicine; Meteorology; Nanotechnology; Nursing; Physics; Statistics; Space;  
Natural Products Chemistry, Material Science & Nanochemistry; Physical &  
Computational Chemistry, Organic Synthesis; Pharmaceutical Chemistry and Drug  
Design; Latest Developments in Water Research; Recent Advances in Spectroscopy,  
Renewable Energy; Coordination Chemistry; Electrochemistry, Neurochemistry;  
Coordination and Inorganic Chemistry; Bioorganic Chemistry, Bioinorganic Chemistry;  
Environmental and Analytical Chemistry; Heterocyclic Chemistry; Solution Chemistry;  
Structure and Function of Pi-Conjugated Systems; Human Biology; Human Science and  
Informatics; Marine Biology and Sciences; Mathematical Biology; Medical and  
Pharmaceutical Engineering; Medical Technology; Microbiology; Molecular Biology;  
Nanoscale Science and Engineering; Pharmacy and Pharmaceutical Sciences;  
Biotechnology ,Clinical and Health Informatics; Clinical Laboratory Sciences ;  
Bioseparations Science and Engineering; Biosystems Science and Engineering;  
Cytotechnology; Ecological Science and Technology; Environmental Science and  
Engineering; Fisheries; Agricultural and Biological Engineering; Animal Science and  
Zoology, Biochemistry and Molecular Biology; Bioengineering and Biomolecular  
Materials; Biological and Biomedical Sciences; Biology and Life Sciences; Biomedical  
Engineering Systems and Technologies, Biomolecular Science and Engineering;  
Bioscience and Technology, Animal and Veterinary Sciences; Food Science and  
Technology; Pharmacy Engineering; Plant Science and Technology; Toxicology;  
Biomaterials, Biomedical image processing, Biomedical Robotics and Biomechanics;  
Biomedical signal processing; Bio-Modeling and Control, Biosensors, Bioanalytics and  
Bio-Statistics; Brain science and Cognitive technologies; Cognitive Neuroscience and  
Technology; Clinical chemistry and Clinical neurophysiology; Complex Bioinformatics  
and Complex Medical Imaging; Complex Technology in Rehabilitation and Complex  
Virtual Technology in Medicine and Data mining in Medicine; Dementia, Neuron  
Disease, Diagnostic Technology; Educational Technology; Digital Human, e-Healthcare  
and Electrophysiology; Engineering design ,e-Science; Imaging technology; Implants;  
Information and Communication Technology in Medicine; Interventions, Man-machine  
interfacing, Measurement techniques, Medical diagnostics and Medical instruments;  
Medical Robotics; Medical Web Intelligence and Telemedicine, Micro Tele-  
Operation/Tele-Surgery and Molecular imaging; Movement sensing, Musculoskeletal  
models; Finite Element models, Human Vision and Technologies; Nano/Micro Bio-  
Robotics, Neural stimulation; Neurorehabilitation; Radiotherapy; Registration, and  
Navigation; Modeling and Segmentation; Welfare Information Technology;  
Rehabilitation engineering and Rehabilitation Robotics; Surgical techniques; Tissue

engineering;Virtual Surgery; Medical Knowledge Networks and Management; Allergology and Pulmonology ,Basic and Preclinical Sciences; Bioinformatics and Telemedicine Cardiology; Dental Surgery; Dentistry; Dermatology; Endocrinology; General Surgery and Transplantology; Genetics and Molecular Biology ;Gynecology and Obstetrics; Health Sciences and Epidemiology; Infectious Diseases Internal Medicine; Invasive Cardiology and Cardiosurgery ;Laryngology; Neurology; Neurosurgery; Oncology and Hematology; Oncological Surgery; Ophtalmology; Pediatrics; Perinatology; Pharmacological Sciences; Psychiatry and Clinical Psychology; Urology ;Vascular Surgery; Astronomy, Astrophysics and Cosmology, Atomic, Molecular and Optical Physics; Vibrational Spectroscopy, Mathematical Physics, Complex Systems, Chaos and Self-Organisation; Spectral Line Shapes, Computational Physics and Numerical Simulation; Semiconductors, Clusters, Nanomaterials, Low Temperature Physics; Optical Remote Sensing of the Environment, High Energy Physics, Particles and Fields;History and Philosophy of Physics, Metrology and Instrumentation, Nuclear Physics; Radiation Protection, Radiation Risk Communication: Issues and Solutions; Optics and Lasers, Laser Safety, Particle Accelerators, Plasma and Gas-discharge Physics; Quantum Mechanics and Quantum Information Theory, Thermodynamics; Acoustics, Biophysics and Medical Physics, Electrostatics, Electromagnetic Waves; Magnetism and Magnetic Materials, Mechanics, Rheology and Tribology, X-rays; Synchrotron Radiation and Crystallography, Neutron Scattering; Physics Research & Education; Science Education, Food Technology, Technical Education; Science and Technology Policy.

## **Engineering**

Algorithmic information theory and Theory of computation ;Cryptography ,Formal semantics ,Analysis of algorithms and problem complexity ;Logics and meanings of programs, Mathematical logic and Formal languages; Hardware; Control structures and Microprogramming,Arithmetic , Logic and Memory structures ;Input/output and Data communications, Logic and VLSI Design, Integrated circuits ,Performance and reliability; Computer systems organization; Computer architecture ,Computer networks and Distributed computing ,Computer system implementation; Computing methodologies; Symbolic and Algebraic manipulation ,Artificial intelligence, Computer graphics and computer vision ;Pattern and Speech recognition, Simulation and Modeling ,Document , text ,Image and Digital signal processing; Computer applications; Robotics;Automated theorem proving ,Physical science and Engineering ,Bioinformatics, Medical informatics; Mathematical software, Computer-aided engineering ,Human-computer interaction ,Speech synthesis ,Telecommunications; Administrative data processing ,Enterprise resource planning, Customer relationship management; Computational ,Plasticity ,Geo and Biomechanics; Heat and Mass Transfer; Compressible Flows and Transport Phenomena; Nanomaterial, Material and Automotive Engineering; Fracture, Vibrations, Acoustics and Noise Control; Multibody, Nonlinear, Structural ,Fluid and Aerodynamics, Manufacturing Process; Mechatronics, Computational ,Plasticity ,Geo and Biomechanics, Computer Supported, Collaborative ,Integrated Product and Maintenance Engineering; Engineering Statistics and Physiology and Biomedical Instrumentation; Engineering Experimental Design; Reliability and Quality Control, Risk and Decision Analysis; Optimization Methods; Computer-Aided Design and Manufacturing Processes with Methods; Intelligent Engineering Systems, Linear Nonlinear and Integer programming; Assignment problem ,Transportation network design and Simulation, Facilities Design and Logistics; Systems thinking ,analysis, Engineering Management and Leadership;

Quality and Productivity Management; Human Factors and Ergonomics; Information Systems for the Manufacturing; Computer Simulation Methods; Integrated circuit, Analog circuits, Nonlinear circuits, Mixed-mode circuits; Digital Circuits; Electronic amplifier ; Nano-technologies; Superconductivity circuits; Circuits design; Antennas technology, Sensors; CAD Tools; Silicon devices, Molecular computing; Thin film technologies; VLSI; System architectures; Microelectronics; DNA computing; Circuits for Artificial Intelligence and Scientific Computing Applications; Circuits and networks; Civil Engineering; Oil and Gas Technology; Architecture, Building Technology.

### **Who Should Attend**

This is an excellent opportunity for scholars to come together from all over the world to share their works, experiences and ideas by presenting paper or by simply observing, and as with all likely events, there will be a number of programs and activities.

The Congress attracts a range of engineers, technologists, scientists, researchers, innovators, teachers, students, activists, administrators, professionals and others. Attendees join together to share ideas, experiences, views and their passion for quality teaching and learning.

If you want to chair a session, organize a panel, evaluate papers to be published in the congress proceeding, books or journals, contribute to the editing or any other offer to assist, please send an email to the secretariat.

### ***Corporate Participation***

As a global event for the advancement and innovation in learning, industry and technology a wide range of opportunities are available to present research-oriented/industrial papers. Corporate bodies can showcase and market their products and services. For information about corporate showcases and other corporate activities, please contact the secretariat.

### **Important Dates**

- **Submission Deadline**  
*Until March 31, 2012*
- **Registration Deadline**  
*Early Bird: Until March 31, 2012*  
*Late: As from 1<sup>st</sup> April, 2012*
- **Conference dates**  
*September 03-07, 2012 (Omoku-Nigeria)*

### **Conference Venue**

ICASE2012 will take place on the Federal College of Education (Technical), Omoku, Rivers State, Nigeria.

[Click to visit Federal College of Education\(Technical\), Omoku Web Site\(www.fcetomoku.net\)](http://www.fcetomoku.net)

### **General Submission Information**

The Scientific Council of the ICASE2012 accepts only full-texts (ie abstracts and main text) together as proposals. All proposals must be in **English**. All proposals must adhere strictly to the instructions for formatting their submissions. Please see guidelines for presentations. All proposals must be accompanied with **Proposal form**. All submissions are subject to a blind review process. Papers submitted after **July 31, 2012** may not be published in the Conference Proceedings.

### **Categories of Presentation**

The Technical Program of the Conference includes a wide range of submissions and activities designed to facilitate the exchange of ideas and information:

- Keynote Speakers/Invited Speakers
- Academic Papers
- Posters
- Tutorials
- Best Practices
- Roundtables
- Showcases
- Workshops
- Symposia

**Note:** Authors who are unable to attend will have the conference materials posted to their addresses immediately after the Conference. Please contact the conference secretariat for more details.

### **Submission Requirements**

- Please see the guideline( **see Information for Authors**)
- All proposals must be in English.
- At least an author of each paper must be registered and pay the appropriate Conference fee.
- All communication will be with the corresponding author.
- Participants who registered for the Conference but unable to attend will have the Conference materials mailed to their registered contact address.
- All presenters must present at the time scheduled by the Committee. Requests for specific time slots will not be accepted
- The Conference provides basic equipment for presenters.
- ICASE can offer limited financial support for participation.
- All Participants must pay appropriate Conference registration fee. However, we strive to keep our registration fee low for all attendees.
- Presentations that advertise commercial products will not be accepted. However, if you have a commercial product to show case, for exhibition or marketing, please contact the secretariat.

### **Information for Authors**

1. The paper should be A4 format. Left, right, top and bottom margins should be 2.00 cm each. English is the official language of the conference.
2. Title should be 14-point, all in capital letters, bold and centered.

3. Font size throughout the paper should be 12-point in Garamond, in single space, and justified.
4. The whole text should be written with “Garamond”.
5. Do not give page numbers for the paper
6. A blank line should be left after the title. Names of authors, affiliations and e-mails should be provided after the title.
7. Following the authors’ information, a 200-word abstract should be provided with five keywords. The “**Abstract**” should be a summary of the paper.
8. Graphics and pictures should be prepared in black and white.
9. One blank line should be allowed between the components of the paper (i.e. introduction, methods and procedures, results, conclusion, references.). Main headings should be centered, bold and capitalized. The second level of headings should be title case and bold. The third level should be italicized and upper- and lower-case heading.
10. For titles of tables, graphics and pictures, sentence case should be used.
11. Texts used in Tables, graphics and pictures should be Garamond. The font size can be reduced to 10 pt.
12. **References** should be at the end of the paper and should be listed alphabetically. References and citations within the text should be prepared in the APA format.
13. Abbreviations should comply with the standard use. They should be given in full format at the first place they are used.
14. The paper should be maximum 10 pages
15. SI unit should be employed where applicable
16. Only proposals containing abstract and full texts are acceptable. We do not welcome only abstracts.
17. All submissions must be by email attachment preferably in MS words. We do not accept hard copies
18. All papers must adhere to this template in format. No paper can be processed if not formatted according to the stated rules and regulations.
19. Papers submitted after July 31, 2012 may be presented at the conference but they may not be published in the conference book
20. The first 50 registered participants will collect free copies of our previous publications.
21. All papers should be submitted to [icase2012@gmail.com](mailto:icase2012@gmail.com)

### **Selection Criteria**

All proposals (in English) are selected on basis of clarity, quality and relevance to the Conference theme and Sub- themes. A blind review process will be used to evaluate all submissions. ICASE regrets that it cannot select all proposals submitted. It should not be assumed that prior participation in our event guarantees selection for ICASE2012. Space is limited.

### **Grant and Support**

Aiming at encouraging intended participants, the conference organizers have created a solidarity fund. A limited sponsorship is available for participants from the developing countries. Young scholars below the rank of Senior Lecturer or its equivalent and women

are particularly encouraged to apply. Support may be in the form of full sponsorship including travel grants and boarding or partial sponsorship.

### **Best Paper Awards**

A sub-committee on Best Paper Awards will consider outstanding presentations for several designated awards. The yardstick is quality, innovation and application. All accepted papers are eligible for consideration. There will be an Award for Outstanding Student Paper. Award winning papers will receive certificates and will be highlighted in future ASSR events.

### **Registration**

All Participants must complete the registration form. Payment of Conference registration should be made in USD in the form of bank transfer (all costs at Participant's charge). We request that you send us a computer print-out copy of the bank transfer and the duly completed registration form by email attachment. Additional information is provided on the registration form. Without the receipt of your completed registration form, print-out copy of the bank transfer and signed Copyright Agreement, it means you are not registered for the Conference.

#### ***Registration Fees***

<b>Full Registration</b>	<b>USD150</b>
<b>Late registration</b>	<b>USD170</b>
<b>Student Registration</b>	<b>USD50</b>
<b>Accompanying Person</b>	<b>USD75</b>

**The bank transfer is the method of payment. Please see the Conference registration form for details.**

#### **Entitlement of Registered Delegates**

- Entry to all sessions of the Conference
- Conference bag/tag
- Conference gift items
- Coffee breaks
- Certificate of Participation
- Certificate of Authorship (paper presenters only)
- Congress programme
- Admission to social/cultural/tourist activities
- Conference proceedings
- Invoice / receipt of payment
- Cocktail of the Conference
- Special hotel booking at discounted rate
- Onsite wireless network
- Technical support
- Conference group Photos

## Conference Programme

### *Monday, 03 September 2012: Opening Ceremony and Conference Work*

9.15	Registration continued
9.45 – 10.15	Coffee/tea break
10.15 – 13.30	Opening/ Keynote Speakers/Invited Speakers
13.30 – 14.30	Lunch
14.30 – 19.30	Plenary Sessions/Panels/Exhibition

### *Tuesday, 04 September 2012: Conference Work*

9.00 – 11.00	Plenary Sessions/Roundtables/Showcases
11.00 – 11.15	Coffee/tea break
11.15 – 13.30	Plenary Sessions/Posters
13.30 – 14.30	Lunch
14.30 – 18.30	Plenary Sessions/Panels
18.30 – 19.30	Workshops/Tutorials

### *Wednesday, 05 September 2012: Conference Work*

9.00 – 11.00	Plenary Sessions/Roundtables/Showcases
11.00 – 11.15	Coffee/tea break
11.15 – 13.30	Plenary Sessions/Posters
13.30 – 14.30	Lunch
14.30 – 18.30	Plenary Sessions/Panels
18.30 – 19.30	Workshops/Tutorials

### *Thursday, 06 September 2012: Conference Work/Closing/Tour and Dinner*

9.00 – 11.00	Plenary Sessions/Roundtables/Showcases
11.00 – 11.15	Coffee/tea break
11.15 – 12.30	Plenary Sessions/Presentation of Certificates/Awards
12.30 – 13.30	Closing/Group Photos/Exchange of Gifts
13.30 – 14.30	Lunch
14.30 – 18.30	Cultural Tours/Visits
20.00	Farewell Cocktail/Dinner

### *Friday, 07 September 2012: Departure*

Departure
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## Publication

Each paper will be included in conference programme. Authors of all selected papers will have their works published in the Conference proceedings with ISBN/ISSN. Papers of best quality will be published in some selected journals or other publications (ISSN). Some carefully selected papers will be available online.

## **Tourism**

### ***Why Omoku***

Omoku City is located in Orashi Region of Rivers State in south-south geopolitical zone of Nigeria in West Africa. The town can be said to be the second largest urban centre in Rivers State. It is the traditional and administrative headquarters of Ogba/Egbema/Ndoni Local Government Area of Rivers State and the domain of the Oba (Eze-Ogba) of Ogbaland - one of the surviving ancient monarchs in Rivers State.

### **People and Culture**

It is a melting pot of cultures and this is demonstrated by the traditional ways of the people as well as the influence of the other Nigerian ethnic groups. Omoku is a city in the Niger Delta region that invites one and all to enjoy its diversity and unforgettable charisma. It is a city of contrasts, proud of its illustrious, deep rooted history whilst being at the cutting edge of all the latest social and technological developments. It is city *open to all*, accessible to everyone, it is a city which can be enjoyed by all residents and visitors alike.

Omoku is a city for encounters and contrasts. The legacy left by the cultures and civilisations which have reached these shores in the past still remains alive. Business and trade coexist with leisure and culture. Omoku is a city that has enjoyed relative peace since recent past. It has a rich cultural life with festivals, concerts, shows and exhibitions all year round. A city like this can be enjoyed with all five senses. Dialogues flow smoothly, ideas float back and forth easily, lines of communication are always open and people feel at their ease. Omoku invites you to indulge your passion for the art of encounters.

### **Location**

Today, the population of Omoku is an admixture of oil workers, civil servants, subsistent farmers, petty traders, and traditional craft-makers from all parts of Nigeria as well as expatriates. Omoku is about 90km from Port Harcourt, the capital of Rivers State. The town is located in the heart of the rain forest zone at the Northern apex of the Niger Delta basin. Its climate is therefore humid. There is usually heavy rainfall between the months of May and October and harmattan between December and February in the town.

### **Getting to Omoku**

Omoku can be reached by road from any part of Nigeria. Travelers to Omoku from the Northern and Western parts of Nigeria on reaching Benin City can take a car to Port Harcourt through the East-West road and disembark at Ahoada junction from where one can take a car straight to Omoku. Travelers from the East can get a car to Omoku from Owerri, which is about 76km from Omoku. If peradventure one gets to Port Harcourt first, one can get to Omoku from Mile III or Boro Park garages. Port Harcourt is about 90km to Omoku. For air travelers, Omoku is about 50km from the Port Harcourt International Airport or 80km from Owerri Airport. The College temporary site is situated at the heart of Omoku town while the permanent site is along Omoku-Obrikom road.

## Practical Information

### **Accommodation**

Cheap hotels are available around the conference venue. Information on accommodation is available on request. The hotel offers reduced rates for conference delegates. Delegates may make other arrangements if they wish. If any participants need accommodation, the conference organizers can reserve rooms for them in Omoku. Price of accommodation ranges from US\$15 to US\$75 per night.

### **Visa and Travel Information**

International guests visiting Nigeria may require a visa. Visitors from West Africa do not need a visa. Participants should contact the Nigerian Embassy or Consulate nearest to them for more information. Registered participants who need Invitation Letter/Acceptance Letter to facilitate their visa application can send us email. Detailed list of Nigerian Embassy/Consulates and the requirements for visa application can be obtained from the nearest Nigerian Embassy.

### **Insurance and Inoculations**

Visitors entering Nigeria require travel/health insurance and some medical inoculations according to immigrations laws. International participants should contact the nearest Nigerian Embassies/High Commissions/Consulates and the requirements for travel/health insurance and inoculations.

### ***Airport Shuttle Bus***

Aiming at assisting delegates to quickly move from Port Harcourt or Owerri Airport/Bus/Port Harcourt Train Station to the Conference venue, the ICASE Committee organizes a shuttle. Please contact the secretariat for the shuttle schedule and arrangements.

### **Sponsorship and Donations**

The ICASE would remain indebted for sponsorships and donations to support their events. All donations shall be acknowledged. Donors and collaborators will have their names and/or logos placed on the Conference official website.

### **Adverting and Exhibitions**

The ICASE welcomes requests for placing adverts on their event website, Conference materials, etc. We also invite corporate agencies/individuals or Associations that wish to make exhibitions, trade fair during the events. Adverts and exhibitions may be charged.

### **Contact Information**

For more information or clarification on any aspect of the Conference, please contact the conference secretariat, (**Dr Jacinta Agbarachi Opara**, Co-Chair, ICASE2012 International Scientific Committee, email: [icase2012@gmail.com](mailto:icase2012@gmail.com))