Announcement

Dear Colleagues,

On behalf of the Programme Committee we are pleased to invite you to take part in the 2011 International Technology, Education and Environment Conference that will be held in Omoku (Nigeria) on the 5th, 6th, 7th and 8th of September, 2011. The conference is jointly organized by African Association for Teaching and Learning (AATL) and African Society for the Scientific Research (ASSR) in cooperation with other institutions.

The Technology, Education and Development Conference is an international conference, organized by African Society for the Scientific Research (ASSR) and African Association for Teaching and Learning (AATL), Accra-Ghana. The mission of the conference is to further the advancement and innovation in technology, education and environment. As the educational world becomes increasingly global, new ways to explore learn, and share knowledge are needed. The Conference serves as a means to connect and engage creative technologists, educators, entrepreneurs, researchers, scientists, consultants, training managers, policy makers, curriculum developers, and others in the topics and fields in which they are passionate about.

TEEC2011 will be an International Forum for those who wish to present their projects and innovations, having also the opportunity to discuss the main aspects and the latest results in the fields of Education, Technology and Environment. Our aim is to inspire and provoke crucial discussions and debates. The event will boast critical thinking and reconsider policies and practices.

We would like to invite you to participate in the conference. Attached (see Conference Poster) is the conference announcement and our formal invitation to the event. You will also find all the necessary information. Please note that the proposal deadline is July 31, 2011. It would be most highly appreciated if you can pass this information on to your colleagues who might be interested in our conference.

We the Program Committee on behalf of AATL and cooperating partners feel honoured to be hosting the conference in Nigeria and look forward to seeing you in Omoku.
TEEC 2011 Organising Committee

Objectives and Topics

TEEC 2011 seeks a diverse and comprehensive program covering all areas of education, technology and environment. The program includes a wide range of activities designed to facilitate the exchange of expertise, experience, and resources with colleagues. These include keynote sessions, full paper presentations, panels, and round table discussion sessions.

THEME
E-Activity and Technology in a Changing Environment

Sub-Themes

- Instructional Materials and Design
- Active Learning and Blended Instructions
- The Classroom and New Learning
- Distance Education
- Technologies, Strategies and Methods
- Software, Games and Simulations
- Vocational/Technical Education
- Educational Projects and Innovations
- Experiences in Learning
- Virtual Technologies
- Learning Objects and Technology
- Asynchronous Learning
- Content Management Systems
- Innovative Teaching Strategies
- Learning Management Systems
- Teaching Technologies
- Online Assessment
- Online Collaboration
- Online Forum Discussion
- Smart-Board Teaching
- Table of Specifications
- Virtual Classrooms
- Digital Libraries
- E-Learning Strategies
- Curriculum Design
- Advanced Technologies for Learning/Teaching
- Cloud computing
- Collaborative technologies
- E-publishing/digital libraries
Learning management systems and environments
Learning portfolios
Mobile teaching and learning technologies
Shared online video
Social networks
Videoconferencing
Web 2.0 technologies (podcasting, wikis, blogs, etc.)
Alternative and innovative assessment methods
Assessment practices in cross-cultural research
Best practices in assessment/evaluation
Performance and outcome assessment
Contextualized innovation
Accessibility, scalability, usability, & sustainability
Education reform with technology
Government initiatives and programs
Technology Policy issues and trends
Quality assurance and accreditation
Teacher education and technology integration
E-learning benchmarks and standards
Evaluating for quality improvement
Networks, Partnerships, and Exchanges
Competencies and perspectives
Courses, programs, degrees, and initiatives
Learning barriers, challenges, and concerns
Learning communities/Environments
Learning partnerships and innovations
Innovative Approaches to Learning
Authentic, contextualized, and real-world learning
Case, Scenario, Problem, Project-based learning
Collaborative learning
Communities of practice
Electronic Performance Support Systems (EPSS)
Game-based learning
Learner-centered, and self-directed learning
Learning communities
Learning management and support systems
Lifelong, informal, and nontraditional learning
On-demand and just-in-time learning
Participatory learning and media
Personalized learning environment
Virtual reality learning environments
Free and open source software
Learning portals
Localization of content and knowledge
Online language learning
Open access publishing
Open courses, learning, and open resources
Publishing, copyright and other legal issues
Open projects, partnerships, and consortia
Open teaching
Participatory/contributory communities
Technologies for Socially Responsive Learning
Digital divide issues, initiatives, and cases
Digital and social media for engaging youth
Ethical, cultural, historical aspects
social issues in technology use
Education online films,
Documentaries, news, & other media
Learning technologies for change
Rural community learning and technology
Technology solutions for the marginalized
Technology uses in multicultural contexts
E-learning/E-training
Flexible learning
Innovative online learning and programming
Mobile and ubiquitous learning
Online learning environments
Mobile Communication Services
Agents and Multi-Agents systems for ICT
Antennas & Propagation
Artificial Intelligence / Expert Systems
Bioinformatics and Scientific Computing
Environmental Technology
Broadband & Intelligent Networks
Business Information Systems
Econometrics
ICT Systems and Networks
Complex Systems: Modeling
Computational Intelligence Applications
Computer Vision & Pattern Recognition
Data Base Management
Data Generation and Data Fusion
Data Warehousing, Ontology and Databases
Distributed Sensor Networks
E-Commerce & E-Business
Mining Technology
E-Government & E-Working
E-Health & Biomedical Applications
E-Learning & E-Collaborations
Emerging Technologies & Applications
Ethical, Social and Legal issues in Environment
Evolutionary Computation & Genetic Algorithms
Fuzzy Logic & Systems
Fuzzy, ANN & Expert Approaches
Human-Computer Interaction
ICT & Banking
ICT & Education
ICT & Intelligent Transportation
ICT in Environmental Sciences
Image & Multimedia Applications
Image Analysis and Processing
Information & Data Security
Information Indexing & Retrieval
Information Management Systems
Information Processing
Information systems & Applications
Intelligent Computing Systems
Internet Applications & Performances
Knowledge Based Systems
Time Management
Knowledge Development
Decision Making
Machine Learning Technologies
Machine Vision & Remote sensing
Management Information Systems
Geographical Information Systems
Mobile Networks & Services
Mobile/Wireless Computing
Natural Language Processing
Network Management and Services
Networking Theory & Technologies
Neural Networks Applications
Next Generation Network
Optical Communications
Parallel and Distributed Computing
Protocols and Standards
QoS Management
Real-Time and Embedded Systems
Robotic Technologies
Satellite & Space Communications
Security and Cryptography
Semantic Web Applications
Signal & Image Processing
Systems & Software Engineering
Virtual workforces
Web Engineering
Wireless Communications
New and Emerging Technologies in Education
Engineering Education and Sustainability
Innovation and Good Practice
Learning and Teaching Methodology
Media Production
Computer Software in Engineering
Mathematical and Statistical Applications
e-Learning Tools and Developments
Computer Science in engineering
Web-based Learning
Electrical/Electronics Engineering Education
Integrating e-Learning and Classroom Learning
Mechanical Engineering Education
Emerging Technologies for Virtual Education
Chemical Engineering Education
Environmental Dynamics
Computer and Web-based Software
Ethical Issues in Engineering Education
Virtual Environments for Education
University-Industry Collaboration
Digital Classrooms
Research/Innovation in Engineering Education
Multimedia in Engineering Education
Current and Future Trends and Directions
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, 2011 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 teec2011@gmail.com
Who Should Attend

The Conference attracts a range of researchers, scientists, technologists, 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 teec2011@gmail.com

Deadlines and Venue

Proposal Submission Deadline: July 31, 2011

* Early Registration: April 30, 2011
* Registration: August 15, 2011

Conference dates: 05 – 06 – 07– 08, September 2011

Conference Venue

TL2011 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)
About Omoku

Omoku City is located in Orashi Region of Rivers State in south-south Nigeria. 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.

### Conference Fees

<table>
<thead>
<tr>
<th>Conference Registration:</th>
<th>International</th>
<th>Local</th>
<th>Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Registration:</td>
<td>US $120</td>
<td>N17500</td>
<td>April 30, 2011</td>
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<tr>
<td>Late Registration</td>
<td>US $150</td>
<td>N22500</td>
<td>After April 30, 2011</td>
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<td>AATL Members</td>
<td>US $90</td>
<td>N13000</td>
<td>April 1, 2011</td>
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<tr>
<td>Student Registration</td>
<td>US $30</td>
<td>N3800</td>
<td>August 1, 2011</td>
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<tr>
<td>Listeners only</td>
<td>US $40</td>
<td>N5500</td>
<td>August 1, 2011</td>
</tr>
<tr>
<td>Corporate Participation</td>
<td>US $200</td>
<td>N30000</td>
<td>August 1, 2011</td>
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<tr>
<td>Membership Registration</td>
<td>US $40</td>
<td>N5500</td>
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<tr>
<td>Annual Dues</td>
<td>US $20</td>
<td>N3000</td>
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NB: **The bank transfer is the method of payment.** Payment in local currency is only possible for delegates resident in Nigeria. Please contact the Conference Organizers for bank account's details. The conference registration will be confirmed upon receipt of the registration fee. In case of cancellation, there will be no refund of registration fees. **Conference fee includes the cost of publishing the papers and admission to all sessions.** In order to receive a free copy of the Conference Proceedings, Certificates and other Conference materials, authors are requested to personally attend the conference and present the accepted paper(s).

### 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.
Programme Committee

Conference Chair

Prof Oby C. Okonkwor
Nnamdi Azikiwe University, Awka-Nigeria

Conference Co-Chairs

Dr Nkasiobi Silas Oguzor
Federal College of Education (Technical), Omoku-Nigeria

Prof Gerhard Berchtold
Universidad Azteca, Chalco-Mexico

Dr Jacinta Agbarachi Opara
European School Science Project, Granada-Spain

Conference Secretary

Ms Betty Oruahwo
African Association for Teaching and Learning, Accra-Ghana

Advisory Board

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Teachers Registration Council of Nigeria

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Anadolu University, Turkey

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The Science Education Review, Australia
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University of Louisville, USA

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West Coast University, Panama

Prof Pedro Cravo  
International Association for the Scientific Knowledge, Portugal

Prof Hasan Basri Gunduz  
Sakarya University, Turkey

Prof Pascal Mimero  
European Chemistry Thematic Network Association, France

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**Local Organising Committee**

Sir Bassey Ubong  
Federal College of Education (Technical), Omoku-Nigeria

Dr Tunji O. Adeyemi  
University of Ado-Ekiti, Nigeria

Prof M.O.N Obagah  
Rivers State University of Education, Nigeria

Dr John A. Idumange  
Niger Delta University, Nigeria

Dr E.C. Onyenechere  
Imo State University, Nigeria

Mrs Joy F. Eziefula  
Alvan Ikoku Federal College of Education, Nigeria
Programme of Event

Monday 5th September
08:00 – 09:00        Registration
09:00 – 10:45        Welcome Ceremony
10:45 – 11:00        Coffee Break
11:15 – 14:30        Special Sessions
14:30 – 14:45        Lunch Break
14:45 – 16:45        Special Sessions
16:45 – 17:15        Coffee Break
17:15 – 18:45        Plenary Sessions

Tuesday 6th September
08:30 – 10:00        Special Sessions
10:00 – 10:30        Coffee Break
10:30 – 13:30        Plenary Sessions
13:30 – 14:45        Lunch Break
14:45 – 16:45        Plenary Sessions
16:45 – 17:15        Coffee Break
17:15 – 18:45        Plenary Sessions

Wednesday 7th September
08:30 – 10:00        Special Sessions
10:00 – 10:30        Coffee Break
10:30 – 13:30        Plenary Sessions
13:30 – 14:45        Lunch Break
14:45 – 16:45        Plenary Sessions
16:45 – 17:15        Coffee Break
17:15 – 18:45        Plenary Sessions

Thursday 8th September
08:30 – 10:00        Special Sessions
10:00 – 10:30        Coffee Break
10:30 – 13:30        Plenary Sessions
13:30 – 14:45        Lunch Break
14:45 – 16:45        Plenary Sessions
16:45 – 17:00        Coffee Break
17:00 – 19:00        Special Sessions/Communiqué
19:00 – 20:00        Closing Sessions/Cocktail
Sponsorship and Donations

The African Association for Teaching and Learning 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 AATL 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. For more information, please contact the Congress secretariat.

Practical Information

Accommodation

Cheap hotels are available around the conference venue. 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.

Travel and Logistics

Aiming at assisting participants to quickly move from Port Harcourt or Owerri to Omoku, the Welfare and Logistics sub-Committee will organize an Airport bus shuttle. The trip by road from Owerri or Port Harcourt to Omoku takes less than two (2) hours.

Visa

Delegates arriving from the West African sub-region may not need visa to enter Nigeria. Participants will be assisted to obtain a visa. Please contact the organizers for details.

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.