Call for Papers
5th International Conference on Appropriate Technology

November 20-24, 2012 - Pretoria, South Africa

SOUTH AFRICAN SPONSORS	USA ORGANIZING SPONSORS
Department of Science and Technology Republic of South Africa	International Network on Appropriate Technology (INAT)
University of Pretoria	Howard University, Washington DC
University of Johannesburg	National Technical Association (NTA)
Tshwane University of Technology	Northern California Council of Black Professional Engineers (NCCBPE)
Kara Heritage Institute	

Theme

Appropriate Technology for the 21st Century: Linking Education, Research and Practice to Inform Policy

The 5th International Conference on Appropriate Technology (5th ICAT) will

1) Promote the identification, assessment, archiving and tracking of appropriate technology education, research and practice
2) Focus on how to impact technology policy to safeguard the planet and empower the people, particularly historically oppressed and disadvantaged populations
3) Provide a forum for networking on appropriate technology solutions to sustainable development in Africa and across the Global South

Background

Climate change will impact the poorest countries and people the hardest. According to leading researchers, in Africa, climate change has already caused irreversible environmental damage. Curtailing harmful climate change and eradicating poverty necessitate sustainable, ecologically sound solutions. Presently, 1.1 billion people in developing countries have inadequate water access, and 2.6 billion people lack basic sanitation. Eliminating poverty and improving the quality of life of the world's poorest people, requires increased agriculture, industry and transport productivity made possible via improved water access and energy utilization. Most importantly, public health and human productivity require a technology practice that addresses peoples' basic needs. Deploying appropriate technology means implementing policies to safeguard Earth and empower the broadest population.

Website

Visit the website for more information: www.appropriatetech.net

Language

The official language of the conference will be English.

Format of Abstracts, Papers, Posters and Projects

Abstracts & full papers, posters and project presentations/extended abstract are being accepted and reviewed. Abstracts & full papers will be double-blind peer reviewed. Abstracts associated with full papers must be between 200 and 500 words. Please denote abstract category upon submission - full paper, extended abstract, project or poster.

Submit abstracts and papers to: ICAT5@uj.ac.za

Deadline for paper, poster and project abstracts: May 15, 2012
Notification of decision on abstracts for papers/posters & projects: June 1, 2012
Deadline for full papers: July 15, 2012
Notification of decision on papers, posters & projects: September 10, 2012

Paper categories	Some Suggested Topics
Green Economy and Innovation	Manufacturing, Small scale industry, Mining and mineral processing, Socially relevant computing, Economics of technology, Textile technology, Recycling
Energy	Hydro power projects, Alternative energy systems, Renewal energy
Water and Sanitation	Water supply, Storage and sanitation, Water scarcity, Water quality, Water stress and recycling, Toilets
Health	Indigenous medical technologies, Food preparation/processing, Technologies addressing Malaria/TB/HIV/AIDS related issues, Pharmaceuticals,
Construction and Infrastructure	Appropriate architecture, Appropriate construction, Appropriate transportation
Environment and Agriculture	Environmental impact, Irrigation projects, Forestry & wildlife, Agricultural technology, Climate change, Air quality
Knowledge and Technology Transfer	Education and training, Knowledge engineering, Knowledge management, Community development
Policy and Standards	Technology policies, Technology standards, Ethics, Culture, Quality

Programme Structure:

- Tuesday November 20th   Pre-Conference Workshops, Welcome Reception
- Wednesday November 21st   Conference Presentations
- Thursday November 22nd   Conference Presentations and Gala Dinner
- Friday November 23rd   Appropriate Technology Fair, Projects and Posters
- Saturday November 24th   Optional Field Trip

Process for Registration

Registration Cost :

Early Registration - Register by Sept. 15, 2012:	Normal Registration -
• USD 300 United States and Developed Countries	• USD 350 United States and Developed Countries
• R2000 South Africa and Developing Countries	• R2400 South Africa and Developing Countries
• R1000 All Undergraduate Students	• R1200 All Undergraduate Students

**   One day conference fee - excluding dinner**   R1000**