5th International Convention on Rehabilitation Engineering & Assistive Technology

"Childhood Disabilities - *Making AT part of you*"

i-CREATe 2011

21 to 23 July 2011, Bangkok, Thailand

IMPORTANT DATES

Submission of Workshop/ Special Session Proposal
16 April 2011 (extended)

Submission of paper presentation
16 April 2011

Notification of Acceptance
13 May 2011

Submission of Final Manuscript
2 Jun 2011

PAPER SUBMISSION Guidelines:

- Paper should be original and not published in other conferences, journals, magazines, etc
- Manuscripts should be no longer than Four (4) pages, in double column format
- Only Electronic submission would be accepted
- All paper submission will be peer reviewed by the technical program committee. Accepted work must be presented by one of the authors. The full conference papers will be published and indexed in ACM digital Library and EI. Selected papers will be included in the Special Issue of Disability and Rehabilitation: Assistive Technology Journal published by Taylor & Francis

Call for WORKSHOPS proposals

The workshops are in-depth, interactive, hands-on sessions in the above listed topic areas. Proposals for workshops are evaluated by the technical committee.

Call for SPECIAL SESSIONS proposals:

Proposals for organized sessions that address specialized or general topics on Rehabilitation Engineering & Assistive Technology are encouraged. Once accepted, organizer (s) of the special sessions are responsible for the soliciting of relevant papers, which will be subjected to the same review process.

Continuing Education Unit (CEU)

CEUs will be offered in partnership with the AAC Institute, for all workshops and paper presentation sessions attended. The AAC Institute has been reviewed and approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET). RESNA and ASHA accept the AAC Institute IACERT CEUs for maintenance of the ATP/ATS/RET credential. For additional information on CEUs, please visit this website: http://www.aacinstitute.org/CEUs/index.html

Conference / Call for Paper / Workshops / Special Sessions

The Conference addresses current and future developments in areas of Rehabilitation Engineering & Assistive Technology. Topic areas include, but not limited to:

Childhood Disabilities and Assistive Technology (AT)

- AT for special needs children
- AT in early Intervention
- Early childhood development
- Cognitive disabilities and AT
- AT / AAC for autism
- Inclusive education
- Seating and mobility for children
- Music therapy and AT for children
- Child Rehabilitation
- Specific AT applications for learning disabled population
- Integrating of AT and learning disabilities students into mainstream classrooms
- Transitioning AT with learning disabilities students as they grow and advance
- Policy and funding for children with disabilities

Assistive Technology (AT)

- AT for elderly & activity for daily living
- AT for cognitive support and enhancement and/or substitution of sensory abilities
- AT for mobility and manipulation
- AT for rehabilitation, support care, environment, works place, play and involvement

Augmentative and Alternative Communication (AAC)

- AAC for specific groups, AAC for adult onset disabilities
- AAC assessment, funding
- AAC products, studies & evaluations, translations
- AAC and low tech / high tech

Deaf and Hard of Hearing

- Specific AT and outcome measures for deaf and hard of hearing
- Creative use of mainstream technologies for deaf and hard of hearing
- Making existing technologies accessible for deaf and hard of hearing
- Integration of AT into appropriate environment for deaf and hard of hearing

Blind / Low vision

- Technology application in different age groups within blind and low vision
- AT application in congenital blindness
- AT applications in acquired blindness
- AT assessment for blind and low vision

Employment

- AT integration with current employer
- Transition from school into employment using AT
- Low tech AT solutions in employment
- Accommodating severe and profound disabilities in employment
- Employment model program

Rehabilitation Technologies

- New rehabilitation techniques & studies, novel assistive technology products
- Assistive robotics, rehabilitative & therapeutic robotics, robotic environments and companions
- Biomedical devices and instruments
- Orthoses, exoskeletons, innovative mobility aids
- User interfaces, brain-computer interface, bio-signal control interface

Universal Design & Environmental Control

- Inclusive housing, work place, transportation and accessibility issues
- Design for all – user centered approaches / product development
- Smart home technology, environment control technology
- E-Accessibility, e-Inclusion, Universal Design and usability

Others

- Any paper that includes area of disabilities and technologies

Organizers: START Centre • NECTEC a member of NSTDA — National Electronics & Computer

Technical Sponsor: AAC Institute — AAC Institute

More information on iCREATe2011, can be found in www.icreateasia.org
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