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Deadlines

- Call for submission **January 28 2007**
- Submission Receipt **May 29 2007**
- Review Outcome **June 30 2007**
- Receipt of Accepted Proposal **August 20 2007**
- Conference Program **October 1 2007**
- Conference **19-21 November 2007**

2nd Call for Communication



**1st International Conference
on accessibility and assistive technology
for people in disability situation**

"For a better integration in the society"



19-21 November 2007

www.irit.fr/ASSISTH

Université Paul Sabatier, IRIT,
118, Route de Narbonne
F-31062 TOULOUSE Cedex 9



Parrainage scientifique



Overview of the conference

The first edition of the conference ASSISTH' 2007 has as an ambition to bring together all actors involved in the study and/or the treatment of various types of disabilities for a better autonomy.

The organizing committee wishes to favour both interdisciplinarity and transversality in the approaches devoted to such a field. The objectives are twofold: 1) a better indepth understanding of all disabilities and 2) the identification of the assistive technologies that are the better suited to each pathology.

Thereby all scientific communities, manufacturers, associations, etc. are invited to present their work (communications, demonstrations, posters).

Papers submission

The various types of papers will have to be submitted in pdf format.

All the references, in the title as well as in the body of the paper, to the authors and to their respective affiliations will have to be hidden.

The papers will have to be submitted via the Web site :

<http://www.irit.fr/ASSISTH/soumissions.html>,

before May 29 th, 2007.

For any scientific question, contact the scientific chairman (gorce@univ-tln.fr).

The best papers will be selected in order to be proposed for publication in reviews according to their topic of interest.

Topics

Cognitive Disabilities

- Characteristics and modelling (linguistic disorders/spoken, written/problems due to ageing/cognitive, perceptive, motor, autism, etc.)

Perceptive/motor disorders

- Perception (characterization and modelling, transmodality, multimodality)
- Motricity / movement (biomechanics, modelling and simulation of the pathological movement, neuro rehabilitation)
- Study of the sensory motor system of handicapped and old subjects

Communications

- Sign Language (LSF, ASL, BSL...), alternative writing languages, etc.

Engineering of the situations of handicap

- Intelligent robotics for mouvement and prehension abilities
- Assistive Technologies: communicators, avatar (interpretation in LSF, Cued Speech, etc.)
- e-Accessibility (Web site, e-Service)
- e-Assistance (remote support, teleradiagnosis, telerehabilitation)
- Nanotechnologies, sensors, neuroprosthesis, "smart places to life"
- Virtual reality for the design, and the evaluation (of the cognitive and motor disorders)

Method of "Design for all"

- User centered approach
- Models of adaptation
- Interaction between "Technologies of assistance" and "Design for All"

Experiments

- Evaluation methods of the interactive systems (substitution, rehabilitation, monitoring, etc.)

Ergonomics of the disabilities

Sociology

- Study of the use of the technologies of e-Accessibility, of the e-Assistance and of the intelligent systems
- Study of the technological solutions against social loneliness and promoting education

Applications

- Prototypes from laboratories or industries, platforms of measurement, of rehabilitation

The conference languages

The conference language¹ is French. However, the English could be authorized for papers and presentations.

¹ We will also try to find funds to translate in LSF the session devoted to deafness.

Guest speakers

(in progress)

Scientific prizes of ASSISTH

During the conference two prizes will be awarded:

- The prize of the better paper of ASSISTH'2007 : 1 000 €
- The prize of the young researcher of ASSISTH'2007 : 500€

Conference Banquet

Conference banquet will take place on November 20 2007.

Registration fees

Participants	Before the september 15 2007	After the September 15 2007
Manufacturers ¹	290€	360€
Academic , researchers, Associations ² :	140€	190€
Students ³	90€	120€

¹ Continuing education

² Proceeding, lunch and break

³ Please join a documentary evidence

Inscription bulletin downloading on www.irit.fr/ASSISTH