



CALL FOR PAPERS

FULL PAPER SUBMISSION DEADLINE: 29 February 2016

SHORT PAPER SUBMISSION DEADLINE: 31 May 2016

The ICDVRAT conference Series provides a forum for international experts and researchers to present and review how advances in the general area of virtual reality can be used in the area of disabilities and rehabilitation. High quality papers are sought in which technical innovation is backed up by evidence of original and practical implementation, or which promise practical implementation in the very near future. Presentations which include video material and/or experimental systems are particularly welcome. Facilities for presenting such material will be available at the conference. The research presented at the conference will be published in a peer reviewed Proceedings which will be made widely available through the ICDVRAT Online Archive at www.icdvrat.org/archive.htm.

Topics:

Papers are encouraged in all areas that span Disability, Virtual Reality and its Associated Technologies, encompassing both practical application and more generic research. The following topics are just a few of those that will be relevant to the conference:

Virtual and enhanced environments

*Motor rehabilitation
Clinical assessment
Cognitive rehabilitation
Communication and language
Ambisonics and audio environments
Haptic devices
Physical rehabilitation tools
Remote/Telecare*

Sensory impairment

*Medical systems
Input devices, sensors and actuators
Multi-user systems for user interaction
Computer access
Virtual humans
Balance, posture and mobility
Robotics and Sensors
Wearable devices*

Communications aids

*Tools for architectural/CAD design
Product design, testing and prototyping
Training tools for rehabilitation
Augmented reality applications
Human factors
Rehabilitation robotics
Human-computer interfaces
Mobile health applications*

Full Papers Review & Plenary Presentation:

Authors should submit Full Papers (6–8 pages, using ICDVRAT font sizes and margins as a guide for paper length) by February 29, 2016, with notification of the outcome of peer review given by May 15. Accepted papers may be further revised in light of reviewer comments for final submission by June 15, 2016. All Full Papers will be presented in the conference plenary sessions.

Papers that are not accepted as Full Paper (podium presentations) will also be considered for inclusion as Short Papers (poster presentations), subject to a reduction in length.

Short Papers Review & Posters Presentation:

Short Papers (limited to 4 pages, ICDVRAT font sizes as a guide for paper length) may also be submitted directly, for peer review, by May 15, 2016, with notification by June 20, 2016. There will only be a limited opportunity for revision after reviewer comments. All Short Papers will be presented in Poster Sessions over the course of the conference, together with a short Podium Presentation Summary of all Short Papers.

Papers accepted for the conference require the registration of at least one of the authors as a Full Delegate or Full Student Delegate to the conference.

Publication of All Papers:

The conference CD Proceedings with Full and Short Papers, together with a Book of Abstracts, will be available for onsite reference at the conference.

- Papers accepted for the conference require the registration of at least one of the authors as a Full Delegate or Full Student Delegate to the conference.
- Papers will be published in the ICDVRAT Online Archive on the first day of the conference and will also be available to download as a complete Proceedings.

Best Paper Awards:

There will be awards for the following category of papers:

- [Best Paper](#) and [Best Short Paper](#), for which all papers will be considered;
- [Best Student Paper](#) and [Best Student Short Paper](#), sponsored by the International Society for Virtual Rehabilitation. Student papers will be considered for this award only where the paper is presented by the student as the main author.

Journal Special Issues / Edited Books / Online Proceedings:

For the past six conferences (2004 to 2014) selected papers have appeared in the International Journal on Disability and Human Development and, more recently, further selected papers have appeared in the International Journal on Child Health and Disability and the International Journal of Alternative Medicine Research. In addition, papers from 2012 and 2014 conferences have appeared across four edited collections, published by Nova Publishers, New York.

Since 1996, all papers published through ICDVRAT have been available at the conference online archive. Since 2014, the Full Proceedings have been made publically available online (gratis). Furthermore, the Full Proceedings for the 2014 conference were made publically available from Day 1 of the conference itself, allowing instant global access to the latest research in the field.

It is fully expected that all from the 2016 conference will also be considered for journal special issues in these journals and/or book collections. Details will be confirmed at the conference.

Recent Publications Arising:

2014: Int J Disability and Human Development 15(3); 2016 ~ Int J Child Health and Human Development 9(3); 2016 ~ Int J Alternative Medicine Research 17(2); 2017 ~ Recent Advances on Using Virtual Reality Technologies for Rehabilitation (2015) ~ Technology, Rehabilitation and Empowerment of People with Special Needs (2015)

2012: Int J Disability and Human Development 13(3); 2014 ~ Int J Child Health and Human Development 7(4); 2014 ~ Virtual Reality: People with Special Needs (2014) ~ Virtual Reality: Rehabilitation in Motor, Cognitive and Sensorial Disorders (2014)

2010: Int J Disability and Human Development 10(4); 2011

2008: Int J Disability and Human Development 10(1); 2011

See www.icdvrat.org for more information



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