



9th International Conference on Disability, Virtual Reality and Associated Technologies (ICDVRAT 2012)

Laval, France, 10–12 September 2012

CALL FOR PAPERS

EXTENDED ABSTRACT SUBMISSION DEADLINE: 29 February 2012

(ACCEPTED FULL PAPER SUBMISSION DEADLINE: 1 July 2012)

The purpose of the ninth International Conference on Disability, Virtual Reality and Associated Technologies is to provide a forum for international experts and researchers to present and review how advances in the general area of Virtual Reality can be used to assist people with disabilities. This international conference will encompass all aspects of technology used in Virtual Reality systems. 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 (see Electronic Submission Form). The research presented at the conference will be published in a peer reviewed Proceedings which will be made widely available. It is hoped that the conference will act as a focus for international collaboration.

ICDVRAT 2012 follows on from the success of the conference series: Maidenhead, UK (1996); Skövde, Sweden (1998); Alghero, Sardinia (2000); Veszprém, Hungary (2002); Oxford, UK (2004); Esbjerg, Denmark (2006); Maia/Porto, Portugal (2008); and Viña del Mar/Valparaíso, Chile (2010).

Full papers presented at all previous conferences are available from the ICDVRAT Archive at www.icdvrat.reading.ac.uk. Delegates to ICDVRAT will receive a CD Proceedings with full papers and summary Book of Abstracts, both being available at the time of the conference.



ICDVRAT is a sponsored conference of the

INTERNATIONAL SOCIETY FOR VIRTUAL REHABILITATION

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:

| | |
|--|--|
| <i>Virtual and enhanced environments</i> | <i>Computer access</i> |
| <i>Motor rehabilitation</i> | <i>Virtual humans</i> |
| <i>Clinical assessment</i> | <i>Balance, posture and mobility</i> |
| <i>Cognitive rehabilitation</i> | <i>Communications aids</i> |
| <i>Communication and language</i> | <i>Tools for architectural/CAD design</i> |
| <i>Ambisonics and audio environments</i> | <i>Product design, testing and prototyping</i> |
| <i>Haptic devices</i> | <i>Training tools for rehabilitation</i> |
| <i>Sensory impairment</i> | <i>Augmented reality applications</i> |
| <i>Medical systems</i> | <i>Human factors</i> |
| <i>Input devices, sensors and actuators</i> | <i>Rehabilitation robotics</i> |
| <i>Multi-user systems for user interaction</i> | <i>ArtAbilitation</i> |

The conference Programme Committee also welcomes proposals for posters outlining the kernels of collaborative research with the specific aim of fostering international collaboration for the development of co-operative research proposals seeking European Community or other similar programme support.

General:

Authors are encouraged to submit papers in the following categories: Full Studies; Pilot Studies (Late Breaking Results); System Development; Future Development/Vision 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.

Papers – Format and Publication:

- **Full Papers:** Submission of papers implies that authors will provide a Full Paper (6–8 pages), which will appear in the conference proceedings. The conference CD Proceedings with Full Papers and a Book of Abstracts for onsite reference will be available at the conference.
- **Short Papers:** Accepted Short Papers (limited to 4 pages) will be included in the CD Proceedings and Book of Abstracts and will be available at the conference.
- Both Full Papers and Short Papers must follow the same conference format.

Papers that are not accepted as Full Paper (podium presentations) will be considered for inclusion as Short Papers (poster presentations). Short Papers may also be submitted directly with a later deadline.

Awards – sponsored by ISVR and AFRV:

There will be awards for [Best Full Paper](#) and [Best Student Full Paper](#) at the conference. Student papers will be considered for this award where the student is the lead author and the paper is presented by the student.

Conference Workshop

The conference will accept proposals for pre-conference Workshops. Conference workshops will be run at no additional expense to delegates. If you wish to submit a workshop proposal, please contact the Programme Chair (Paul Sharkey) at p.m.sharkey@reading.ac.uk for further information.

Journal Special Issues:

For the past four conferences (2004/6/8/10) selected papers have appeared in the IF rated International Journal on Disability and Human Development. It is to be expected that Full Papers from the 2012 conference will also be considered for a journal special issue. Details will be confirmed at the conference.



CALL FOR PAPERS

SUBMISSION DEADLINE: **29 February 2012**

Submission of Papers:

Submission of Full Papers is due by Feb. 29, 2012. Additional papers can also be submitted for consideration as Short Papers by the later deadline of May 31, 2012.

Extended abstract:

- An extended abstract should be taken to mean two pages of text (c. 800~1000 words), plus supporting images/diagrams/tables.
- Submissions should be clear and include detail under the headings: Background, Objectives, Methods, and Results. References should be provided as appropriate on an additional page.
- Please note: as a firm rule, abstracts that do not meet the 800~1000 word limit will not be reviewed and will be automatically rejected.

The extended abstract should include a cover page with:

- Category Preference (Full Study; Late Breaking/Pilot Results; System Development *or* Future Development/Vision Paper);
- Title; All author's names (underline surname), affiliations, and addresses; Name of author to contact for correspondence; Email address of contact.
- Student Papers should be identified, where the work is primarily that of a student.

Authors are requested to **submit electronically** extended abstracts for consideration to:

p.m.sharkey@reading.ac.uk with the Subject: **ICDVRAT 2012 Submission**

Review procedure:

- Each submission will be reviewed by a least three members of the Programme Committee under the following specific headings: *originality of concept(s); clarity of presentation; relevance to the conference; technical soundness; and importance of results.* It is particularly important to provide sufficient information in the abstract to facilitate assessment.
- Notifications will be provided to authors by May 15, 2012.
- Acceptance of submissions will require either a Full Paper (6-8 pages, podium presentation) or Short Paper (4 pages maximum, poster presentation) submission by July 1, 2012.
- Additional papers can also be submitted for consideration as Short Papers by the later deadline of May 31, 2012.

Miscellaneous Information:

An **Abstract Submission Template** and **Final Paper Template** are available on the ICDVRAT website (Author Information). There will also be a **Poster Template** although authors can also choose their own (portrait orientation) format. Over 300 papers from the past 15 years of the conference are searchable and available for reference (Archive Section).

All Full Paper (podium) presentations will be 20 minutes, with an additional 3 minutes for specific questions. Authors of Short Papers will have a brief podium presentation time to give a summary of their paper, with dedicated session for viewing of posters. *It is expected that all papers accepted for publication will be presented at the conference by one of the contributing authors.* The conference language is English.

Important Dates:

In order to produce the conference proceedings in time for the conference it is important that the following dates are strictly respected:

| | | |
|----------------------|---|------------------------------|
| <i>Full Papers:</i> | Submission of Extended Abstracts | <u>Feb. 29, 2012</u> |
| | Notification of Acceptance | May 15, 2012 |
| | Submission of Final Full Paper (6–8 pages) | <u>July 1, 2012</u> |
| | Submissions that are not accepted as Full Papers will be considered for inclusion as Short Papers | |
| <i>Short Papers:</i> | Submission of Short Papers (final conference format) | <u>May 31, 2012</u> |
| | Notification of Acceptance | June 20, 2012 |
| | Submission of Final Short Paper (maximum 4 pages) | <u>July 1, 2012</u> |
| <i>Workshops:</i> | Submission of Workshop Proposals | <u>March 31, 2012</u> |

All Final papers are required to be submitted in Word format to facilitate electronic editing of the Proceedings.

Registration:

Full Registration will include attendance to all sessions, including workshops, with coffee-breaks and lunch during the conference, Conference CD Full Proceedings and Book of Abstracts, welcome reception, and Conference Banquet.

- Registration rates will be announced in January 2012.
- Early Registration: Delegates who register before July 1 will receive a discount to the standard registration rates.
- Standard Registration: Standard registration rates will be available for the period July 1 – August 31
- On-site Registration: A higher rate will be applicable for delegates who register on-site.

Discounted rates:

- Full Student Registration will be at a discounted rate.
- Members of the International Society for Virtual Rehabilitation will receive a discount on Full Registration (for both Full Delegates and Full Student Delegates).
- To encourage student attendance, a heavily Discounted Student rate will also be available (providing CD Proceedings and access only). This rate will be reserved for students who are accompanying a Full Delegate.
- Partner tickets for the reception and/or banquet will also be available.

Letters of Invite:

Authors of accepted papers who require confirmation of registration will receive a letter supporting their attendance at the conference. The conference does not issue letters of invitation otherwise.

Bienvenue à ICDVRAT 2012 Laval, France, Sept. 10-12

