Call for Papers

Special Section on Cyberworlds(April 2016)

The IEICE Transactions on Information and Systems announces that it will publish a special section entitled “Special Section on Cyberworlds” April 2016.

Cyberworlds are information worlds or communities created on cyberspace by collaborating participants either intentionally or spontaneously. As information worlds, they accumulate information regardless whether or not anyone is in, and they can be with or without 2D or 3D visual graphics appearance. The examples of such cyberworlds are communities created in different social networking services, 3D shared virtual environments, and multiplayer online games. Cyberworlds are closely related to the real world and have a serious impact on it, augment and sometimes replace the real life and become a significant component of real economy. The aim of the special issue is to provide a comprehensive view on the state of art research on cyberworlds so as to promote the further development of the related technologies.

Scope
This special section aims at timely dissemination of researches on cyberworlds. Possible topics include, but are not limited to:

- Networked and shared virtual worlds
- Virtual collaborative spaces
- Shape modeling for cyberworlds
- Virtual humans and avatars
- Multimodal interaction and rendering
- Computer vision for augmented and mixed reality
- Cognitive informatics
- Brain-computer interfaces
- Affective computing
- Social computing
- Online communities
- E-learning in cyberworlds
- Multi-user web games
- Art and heritage in cyberspace, cyber-museums
- Cyberethics and cyberlaws
- Cybersecurity
- Welfare in cyberworlds
- Data mining and warehousing in cyberworlds
- Visual analytics in cyberworlds

Authors of all accepted full papers and selected short papers to the international conference “Cyberworlds 2015” will be invited to submit a revised extended version to this special issues. We also welcome the submission of original papers from a broader research community. Although the copyright of the accepted paper to Cyberworlds 2015 is owned by the IEEE, the submitted paper to this special section belongs to the IEICE. (1.3.1 Copyright compliance http://www.ieice.org/eng/shiori/page2_iss.html#1-3-1) Beware of copyright issues when you submit your extended version of the cyberworlds paper to the special section. Make sure that title and all figures should be changed, and you should refer the accepted cyberworlds’ paper.

Submission Instructions
The standard number of pages is 8 for a PAPER and 2 for a LETTER. The maximum number of pages for the initial submission of a LETTER is 4. The page charges are considerably higher for extra pages. Manuscripts should be prepared according to the guideline in the “Information for Authors”. The latest version is available at the web site, http://www.ieice.org/eng/shiori/mokuji_iss.html. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for regular issues (60 days) because of the tight review schedule.

This special section will accept only papers by electronic submission. Prospective authors are requested to follow carefully the submission process described below. Submit a manuscript and electronic source files (TeX/Word files, figures, authors [photos and biography]) via the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx by Aug 24, 2015. Authors should choose the [Special-CY] Special Section on Cyberworlds as a “Journal/Section” on the online screen. Do not choose [Regular-ED]. For additional guidelines on manuscript preparation, please visit:

http://www.ieice.org/eng/shiori/mokuji_iss.html
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