



Experiences from Open Access publishing

Human Technology: An Interdisciplinary Journal on Humans in ICT Environments

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HUMAN TECHNOLOGY

An Interdisciplinary Journal on Humans in ICT Environments

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Human Technology: Investigating the human role in existing and emerging technologies

Continually evolving information and communication technologies (ICTs) touch nearly every aspect of our contemporary life. On the other hand, development of these modern technologies is closely intertwined with human practices and social innovations. The human-technology interaction and the human role in different technologies needs constant investigation, investigation that is highly interdisciplinary and multidisciplinary in its nature. *Human Technology* is a new, scholarly online journal that provides an outlet for this kind of essential research and scientific discussion.

Human Technology presents innovative, peer-reviewed articles that explore the issues and challenges surrounding the human role in all areas of our ICT-infused societies. The journal seeks to draw research from multiple scientific disciplines with an eye toward how applied technology can affect human existence or how it can, for instance, foster personal development and enhance research and development in industry, education, communication and other fields. *Human Technology's* dynamic and forward-looking articles are intended for use in both the scientific community and industry and the journal does not set any limits regarding the specialization of its authors. The journal welcomes also difficult or controversial topics, and is interested in publishing non-paradigmatic and non-traditional ideas that meet the criteria for good scientific work.

The semi-annual online journal is offered without charge, underscoring the philosophy that good research must be available to all. Through *Human Technology*, researchers are encouraged to collaborate on and to explore the

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Background

- Agora Center mission:
 - “The Agora Center creatively combines research of high international standards from a variety of scientific disciplines with the know-how derived from its diverse partner network. The Center is based on a shared vision of developing the future knowledge society from a human-centric point of view.”
- ➡ Need for a high quality publication channel for interdisciplinary research on human technology (the scope and target audience of a traditional journal too narrow)
- ➡ Dissemination of knowledge and research findings for a wider audience
- ➡ Enhancement of interdisciplinary discussion, also outside of the academia

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Human Technology: An Interdisciplinary Journal on Humans in ICT Environments

- *Human Technology* is a peer-reviewed, scholarly online journal published by the Agora Center/University of Jyväskylä
- Interdisciplinary, multidisciplinary journal focuses on the issues and challenges surrounding human-technology interaction and the human role in all areas of our ICT-infused societies
- Publishes both thematic issues, with guest editors and issues based on open submissions
- Semi-annual and offered online without a subscription or a fee, underscoring the principles of Open Access publishing and the philosophy that good research must be available to all

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Aims and Scope of the Journal

- Provides a forum for interdisciplinary research and dialogue about how humans and societies affect and are affected by the diversity of communication and information technologies
- Encourages cooperation and collaboration among any and all scientific fields and between the academic and business worlds
- Pays special attention to information and communication technology themes that will serve to create a holistic human dimension in the future information society.

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Human Technology: An Interdisciplinary Journal on Humans in ICT Environments

- First issue published in April 2005
 - Five issues published so far
 - 26 articles, 8 editorials, and 1 book review
- Most popular articles (in PDF) downloaded several thousand times
- Readers from all over the world, from every continent
 - Unique visitors 2005 = about 9,240
 - Unique visitors 2006 = about 26,140
 - Unique visitors 2007 = about 5,000
- 1,230 e-notice subscribers, from academia to business entities

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Human Technology: An Interdisciplinary Journal on Humans in ICT Environments

- Editorial team:
 - Editor in Chief Professor Pertti Saariluoma
 - Two part-time managing editors
 - Part-time technical assistant
- International Editorial Board
- Reviewers on an ad hoc basis

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- Publication agreement gives *Human Technology* the right to publish, distribute, display and copy the articles
- The author retains the copyright
- The author has the right to republish the article, as long as *Human Technology* is given credit as the first publication
 - Link to *Human Technology* article preferred
 - Permission expected in advance

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OA publishing and lessons learned

- Provides a new opportunities
 - For authors
 - For readers everywhere
- Enhances the free flow of scientific information
 - Truly global reach and audience
 - Less expensive to publish as compared to paper journals
- Lessons from online publishing
 - Being easily findable (links etc.) and the importance of search engines
 - Shorter publication schedules, no typesetting
 - New possibilities for e.g. embedded multimedia materials

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OA publishing and challenges

- New perspective and way of doing things
- Funding
- Reputation, journal rankings and citations
- Reliability (image)
- Permanency (database architecture etc.)

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Open Access publishing

Open Access is a bigger ideological topic

- Idea, role and ownership of science
- Equal access to knowledge
- Ecological issues

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Development of Open Access publishing and funding

- Human Technology is currently funded by the Agora Center
 - No publication fees etc.
 - Project funding in the building phase
- Funding and permanency remains a constant challenge
- Possibilities and limitations for funding of Open Access journals
 - Project funding
 - Research funding
 - Funding from the University basic funding (Ministry of Education)
 - Publication fees

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Human Technology: An Interdisciplinary Journal on Humans in ICT Environments

- Journal address: <http://www.humantechnology.jyu.fi>
- For more information, contact: humantechnology@jyu.fi
 - Editor in Chief: Professor Pertti Saariluoma
 - Managing Editors: Terhi Pennanen and Barbara Crawford

Thank you

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