

International Journal of Food Design



ISSN 2056-6522 | Online ISSN 2056-6530
2 issues per volume | First published in 2016

Special Issue: Designing Digital Technologies for Sustainable Transformations of Food Systems

Keywords

Societal transformations, food, ICT, HCI, sensorial design, food experiences, sustainability, food systems, agri-food, food education, food innovation, sustainable development.

Description

All over the world, public concern about issues of access to agri-food and food sustainability is increasing as the planet's population grows. Awareness of the real distance between systems of production and those of consumption is becoming clearer. Globalization, urbanization and the development of society, are creating new forms of urban experience and contexts of societal transformations where information technology (ICTs), Human-Computer Interaction (HCI) and different digital communities are the true protagonists of change.

Digital technologies have become vitally important in particular during the present pandemic situation of COVID-19. To slow down the spread of the pandemic, countries around the globe have imposed lockdowns and restricted individual movements, which resulted in the concept of 'working, shopping, communicating, doing sports and stay together at a distance' to become the new normal way of living. This has had a clear impact also on the food system (production, distribution, consumption, post-consumption, disposal) and their interrelations. Against this backdrop, this Special Issue focuses on exploring the latest trends in the use of information technology to cope with emerging societal transformations on the food system and their interrelations.

We welcome research that addresses the following questions:

What major innovations is the Digital World introducing into the field of agri-food today? Are digital technologies destined to change even the most solidly established eating habits? What social and cultural transformations may affect this process? Transformation may be seen as the consequence of societal collapse and therefore considered a negative outcome. Can we envision ways to use ICTs to actively transform the society as an essential property of long-lasting functioning food systems, and concomitantly view transformation as an effective means of promoting sustainability and social prosperity?

Given the rapid developments and wider implications of the topic in an information age, this call for papers will be intentionally broad. The following is not an exhaustive list, but provides some examples of potential directions and topics:

- Transformations in food experiences, eating patterns and human-food relationships enabled by ICTs;
- Transformations in the food system including production, distribution, consumption, disposal;
- Transformations in digital food marketing (i.e. experiential marketing enabled by ICTs);
- Transformations in procuring, purchasing, preserving, cooking, eating and sharing food during (and after) the pandemic;
- Transformations in individual and collective food practices, but also on the surrounding ecologies and infrastructures, often defined as Human-Food Interaction;
- Transformations enabled by digital technologies in the cultural transmission and innovation of food experiences and practices;



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- Transformations of perceptions of societal norms associated with food (and through food);
- Transformations in food and sustainability education enabled by ICTs and HCI;
- Disruptive transformations of food and its meanings, provocative uses of ICTs and HCI in eating design.

Case studies and literature reviews are also welcomed.

Journal background

The *International Journal of Food Design (IJFD)* is the first academic journal entirely dedicated to Food Design research and practice. We aim at creating a platform for researchers operating in the various disciplines that contribute to the understanding of Food Design: Design applied to food and eating, or food and eating investigated from a Design perspective. See www.intellectbooks.com/international-journal-of-food-design

About the editors

Dr. Sonia Massari has 20 years of experience as researcher, educator, consultant, and designer in the field of sustainability education and design methods for the agri-food sector. She holds a Ph.D. on Food Experience Design with a thesis that combined the importance of education, the complexity of food sustainability and the impacts of ICTs on food practices and systems. From 2008 to 2020, she was the Academic Director of the University of Illinois at Urbana-Champaign Food Studies programs in Rome, Italy and the Executive and Academic Director of GLI Food Systems and Sustainability Studies. She currently teaches at several universities around the world. She is a senior researcher at BCFN Foundation and member of the board of the Association for the Study of Food and Society.

Prof. Patrizia Marti is Associate Professor at the University of Siena and Visiting Professor at Eindhoven University of Technology. She is Director of the Santa Chiara Fab Lab where she manages participatory innovation projects. She has an interdisciplinary background in design and computing and a Ph.D. in Interaction Design. Her research activity concerns designing systems facing cultural, aesthetic and social issues through embodied experiences.

Dr. Annamaria Recupero has a Ph.D. in Psychology from the University of Rome Sapienza. She is post-doc researcher at the Department of Social Political and Cognitive Sciences, University of Siena (Italy). She collaborates with the Santa Chiara Fab Lab, employing design thinking and co-design methods to develop innovative technologies in the field of cultural heritage, industry 4.0, health and well-being. Her research interests focus on the psychosocial processes involved in the interaction with and through the technologies.

Schedule

Submission of abstracts: **10 January 2021**
 Notification of acceptance: **31 January 2021**
 Submission of full papers: **30 June 2021**
 Final version of paper due: **September 2021**

Submission of papers:

A double-blind review process will be used for this special issue.

Please check the Notes for Contributors on www.intellectbooks.com/asset/50961/1/IJFD_OA_NFCnew.pdf

Please submit your abstract for this Special Issue directly to one of the guest editors:

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Please ref.: CFP International Food Design Journal



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