

Call for Papers

--- Special Issue on Multimedia for Cooking and Eating Activities ---

The IEICE Transactions on Information and Systems announces that it will publish a special issue entitled “Special Issue on Multimedia for Cooking and Eating Activities” in **July 2019**.

Cooking is one of the most fundamental activities of humankind. It is not only connected with the joy of eating but also deeply affects various aspects of human life such as health, culinary art, entertainment, and human communication. However, due to the aging society, nuclear families, and changes of lifestyles, communication through food, succession of food culture and cooking techniques, health management by meals are gradually becoming difficult. Efforts to solve and support these problems by information technology are now seen everywhere in recent years as various information devices have become popular in ordinary households and daily life. Following this trend, IEICE Technical Committee on Cooking and Eating Activities (CEA) has been aiming to provide an opportunity for such research groups to discover each other, introduce their trials, and discuss their status and where they should go. At this year’s meeting, CEA has a workshop in conjunction with IJCAI2018 (International Joint Conference on Artificial Intelligence-the European Conference on Artificial Intelligence). We plan to publish the special issue that consists of the papers published in the CEA 2018 as well as new contributions with related topics. The submitted papers are expected to be related to Cooking and Eating Activities and its Applications.

1. Scope

This special issue aims at timely dissemination of research in these areas. Possible topics include, but are not limited to:

- Application for cooking / eating support
- Cooking / eating archiving and recognition
- Learning contents creation for cooking
- Analysis of cooking / eating video
- Recipe image/video retrieval
- Analysis and utilization on cooking recipe
- Menu planning, dietary management, and food log
- Artificial agent for cooking/eating activity
- Sensing of taste / smell / texture
- Food communication (human-to-human / human-to-computer communication)
- Ubiquitous environment and interface in kitchen / dining room
- Intelligent home appliance
- Cooking navigation interface for the dementia and physically challenged person support
- Multimedia learning contents for dietary
- Multimedia information service for food safety and security
- Analysis of Web contents on cooking / eating activities
- Dataset and tools for cooking / eating activity analysis and benchmarking

2. Submission Instructions

- A manuscript should be prepared according to the guideline given in “The Information for Authors” (http://www.ieice.org/eng/shiori/mokuji_iss.html). We encourage the authors to use the IEICE Style File (<http://www.ieice.org/ftp/index-e.html>). The preferred length of the manuscript is 8 pages for a PAPER and 2 pages for a LETTER with the format determined by the IEICE Style File.
- Submit the manuscript through the IEICE Web site (https://review.ieice.org/regist/regist_baseinfo_e.aspx). Choose “[Special-CE] Cooking and Eating Activity” in the menu of “Journal/Section” in the submission page. Do not choose “[Regular-ED] Information and Systems” or other special sections.
- Authors must agree to the “Copyright Transfer and Page Charge Agreement” via electronic submission.
- Submission deadline of the manuscript is September 28, 2018.

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- * The standard period of 60 days between the notification (of conditional accept) and the second submission can be shortened according as the review schedule.
- * At least one of the authors must be an IEICE member when the manuscript is submitted for review. Invited papers are an exception. We recommend authors unaffiliated with IEICE to apply for the membership.
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- * Upon accepted for publication, all authors, including authors of invited papers, should pay the page charges covering partial the cost of publication around March 2019. If payment is not completed by 15 April, 2019, your manuscript will be handled as rejection.