



CEA2021

The 13th Workshop on Multimedia for Cooking and Eating Activities

Taipei, Taiwan | One day between August 21-24, 2021



Call for Papers

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. Cooking at home requires experience and knowledge. They may also need support for food-logging and menu planning for their family health. Needless to say, support for a good and enjoyable meal would improve the quality of life. Systematic cooking/eating support for elderly or physically challenged people is also significantly important.

As the 13th meeting of this workshop series, it aims to provide an opportunity for such research groups to discover each other, introduce their trials, and discuss how it should be and where they should go.

The workshop welcomes contributions in, but not limited to, the following topics:

- ✓ 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
- ✓ Robotic kitchen / dining

Important Dates

- ✓ Paper submission deadline: April 20, 2021
- ✓ Acceptance notification: May 20, 2021
- ✓ Camera ready deadline: TBD, 2021

Paper Format

We invite the following two types of papers in the ACM proceedings format:

- ✓ Full Paper describing original contents with evaluations (up to 8 pages)
- ✓ Short Paper describing work in-progress as position papers (up to 4 pages)

Review Criteria

All papers will be reviewed by more than two experts based on:

- ✓ Originality of the content
- ✓ Quality of the content based on evaluation (only for Full Paper)
- ✓ Relevance to the theme
- ✓ Clarity of the written presentation

Organizing Committee

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