REV2022 Special Session
Call for Papers

Title
Flavour and Mood – Multimodal Data Sensing and Analysis

Acronym
FaMoDaSA'22

Overview
Many global challenges are directly related to food, nutrition, and mood and sustainability. As big societal challenges they can and should be analysed from a data-driven perspective.
Data sensing for flavour and mood is a combination, less analysed in data science and related IoT engineering. We aim to accelerate research in this intersection of IoT engineering and data science by providing a forum for the latest innovations in the intersection of Machine Learning, exploration of food and mood flow on a multimodal sensing platform. The special session is specifically going to focus on data science innovations that accelerate the digital organization, integration, access, and sharing in support of the Machine Learning enhanced flavour analysis and Mood flow domain and obtaining the relevant data. This domain comprises not only data acquisition and monitoring, but also includes novel methods to improve our understanding of the relation of Food and Mood flow, to enhancing human mood comprehension.

Topics
This special session is going to provide a forum for researchers and practitioners involved in different and complementary domains to confront research results and to discuss key problems.
The major topics of interest of this special session include, but are not limited to:

- iOT for flavour and mood data
- Flavour sensing, mood sensing – sensor systems and methods
- Flavour and mood data fusion
- Flavour and mood data standards and variations – multimodal approach
- Multimodal data processing
- Multimodal data computational models
- Flavour and mood data analytics – methods, algorithms, demos
- Mulsemedia content representation models
- Applications in health, cooking, design, etc.

Program Committee

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