

IW-FCV2020

The 26th International Workshop on Frontiers of Computer Vision

February 20~22, 2020, Ibusuki, Kagoshima, Japan

Call for Papers

The International Workshop on Frontiers of Computer Vision (IW-FCV) is the exciting chance and place for inter-communication and discussion through many presentations of the advanced researches from the worldwide research communities of computer vision theory, applications, deep learning and big data.

IW-FCV 2020 will be held in Ibusuki, Kagoshima. Ibusuki City is located at the southernmost tip of the Satsuma Peninsula, the mouth of Kagoshima Bay in Kyushu island. Ibusuki is well known as a city with abundant hot springs, such as the “Natural Sand Hot Spring” that is unparalleled in the world, full of culture, art and history, and welcomes you with warm, friendly hospitality and delicious food. In addition, we have prepared various sessions and events so that everyone who attends can enjoy it with academic exchanges.

RELATED TOPICS

Topics of interest include all aspects of image processing, computer vision, deep learning, fundamentals and applications including, but not limited to, the following areas:

Fundamentals and Theory: Image filtering, Enhancement, Restoration, Transformation, Stochastic vision, Stereo vision, Scale space analysis, Hough transform, Morphological processing, Image sequence analysis, Image processing architecture, Representation, Color and illumination analysis, Vision geometry, Coding, Error analysis

Computer Vision and Image Analysis: Shape-from-X, Active vision, Image/Scene segmentation, Object detection and tracking, Visual language and description, Deep Learning-based Vision, Machine & semantic learning for computer vision, Integration of deep learning and conventional method, Performance evaluation and dataset

Applications: Image/Video search and retrieval, Video surveillance, AR/VR/MR/HR, Smart factory, Smart healthcare, Intelligent transportation system, Bio-medical image analysis, Smart agriculture, Smart home, Logistics and distribution, Autonomous land vehicle, Intelligent robot.

WORKSHOP SESSIONS

IW-FCV2020 has prepared various sessions to exchange and share research results with various participants. For more information, please refer to IW-FCV2020 website (<http://www.cvg.ait.kyushu-u.ac.jp/FCV2020/>).

- a) Oral session:
full (12-15+ pages) / short (1-8+ pages) papers
- b) Poster session:
full (12-15+ pages) / short (1-8+ pages) papers
- c) Extended Summary Session (for the introduction of on-going projects):
short (1-8+ pages) papers

POST-WORKSHOP PROCEEDINGS

The workshop proceedings will be available only for the workshop attendants. The post-workshop proceedings including high quality papers presented at the workshop are published as a Springer CCIS series. For detail of the post-workshop proceedings, please refer the workshop website.

PAPER SUBMISSION INSTRUCTION

A complete paper should be submitted using the template which follows Springer Computer conference format. Detailed instructions for authors are available on the workshop website.

AWARDS

IW-FCV2020 will present the following awards to the authors of selected outstanding papers as follows:

- Best paper award
- Best student paper award
- Best poster presentation award

IMPORTANT DATES

- Paper Submission Deadline: Dec. 11, 2019
- Notification of Acceptance: Jan. 10, 2020
- Camera-ready Submission Deadline: Jan. 19, 2020
- Early Online Registration Deadline: Feb. 2, 2020