The 9th IEEE International Conference on Awareness Science and Technology

iCAST 2018

September 19 - 21, 2018, Fukuoka, Japan
Webpage: http://www.design.kyushu-u.ac.jp/~icast

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Objective: The 9th IEEE International Conference on Awareness Science and Technology (iCAST 2018) is a major international conference to bring together researchers, engineers, and scientists from academia and industry working in all awareness science areas for discussing awareness computing and exchanging ideas, opinions, cross-fertilizing their ideas, and the latest results in this emerging new field.

As the first trial of iCAST conference series, iCAST 2018 will be held together with the 3rd International Five-Sense Symposium (5-SENSE 2018) at the same venue on the same days, plan joint events, and allow all registrants to attend both conferences freely. This is the best opportunity to meet psychologists who may provide research hints to iCAST computer scientists.

Topics (not limited to):

Awareness Science:

Awareness mechanism and modeling	Machine learning/deep learning
Pattern recognition and image understanding	Agent computing/ontology/semantics
Neuro-computing/perception/cognition	Fuzzy logic/granular computing/rough set

Awareness Technology:

Context/situation/background/semantics awareness	Chance/opportunity awareness
Intention/emotion/preference awareness	Location/position/goal awareness
Power/energy/capability/resource awareness	Weakness/risk/danger awareness
Safety/security/privacy/trust awareness	Knowledge/tacit knowledge engineering

Awareness Related Applications:

Social network	Cognitive radio	Health/child/elderly care
Tele-communication/ubiquitous computing		Big data/web/text mining
Image/video/speech/signal processing		Overlay/P2P networking/M2M
E-business/e-government/e-learning		Cloud computing/internet of things
Smart grid/transportation/public services		Device/automatic control/robotics

Call for Special Sessions & Tutorials: Your proposals of organizing Special Sessions, tutorial, workshops, and other events are welcome. Please contact with the General Chairs.

Location: Kyushu University (Ohashi Campus), Fukuoka, Japan.

Paper Submission Procedure:
  Electronic version of full paper (IEEE format, A4 six-page standard including figures and tables) complete with authors' affiliations should be submitted through official site.
  All accepted regular papers will be sent to IEEE Xplore digital library. Selected papers will be recommended for post-conference publication in some Science Citation Index Expanded, EI, or Scopus journals.

Important Dates:
· May 31, 2018:   Deadline of Special Session proposal
· June 17, 2018:   Deadline of paper submission
· July 29, 2018:   Notification of paper acceptance
· Aug. 5, 2018:   Submission of final camera-ready papers
· Aug. 5, 2018:   Deadline for registration

Co-Sponsor: Japan Chapter of IEEE Systems, Man and Cybernetics Society (SMCS) Research Center for Applied Perceptual Science, Kyushu University

Supporter: IEEE SMCS Technical Committee on Awareness Computing