

APNG

WEBINAR

MACHINE LEARNING APPLICATIONS IN FOOD ENGINEERING

By Professor Gururaj H L

DATE & TIME

Saturday, 19 February, 2022
12:00 PM (UTC +9)

WEBINAR REGISTRATION

[https://apngic.zoom.us/webinar/register/
WN_x9i_p0VJQISTieEYEo9MOQ](https://apngic.zoom.us/webinar/register/WN_x9i_p0VJQISTieEYEo9MOQ)

FURTHER DETAILS

<https://apng.asia/?p=1664>

ABSTRACT



Learning techniques have been applied increasingly for food quality evaluation using computer vision in recent years. This webinar reviews recent advances in learning techniques for food quality evaluation using computer vision, which include artificial neural network, statistical learning, and decision tree. Artificial neural network (ANN) and statistical learning (SL) remain the primary learning methods in the field of computer vision for food quality evaluation. Among the applications of learning algorithms in computer vision for food quality evaluation, most of them are for classification and prediction. In this webinar, the promise of learning techniques for food quality evaluation using computer vision is demonstrated, and some issues which need to be resolved or investigated further to expedite the application of learning algorithms are also discussed.

SPEAKER'S BIO

Dr. Gururaj H L currently working as Associate Professor in the Department of Computer Science and Engineering. He holds a Ph.D. Degree in Computer Science and Engineering from Visvesvaraya Technological University, Belagavi 2019. He has 10 years of teaching and research experience at both UG and PG level. He is a professional member of ACM. He is the founder of Wireless Internetworking Group (WiNG). He is a senior member of ACM, Lifetime member of Cryptology Society of India and Senior member of IEEE Computer Society. Dr. Gururaj appointed as ACM Distinguish Speaker (2018-2021) by ACM US council, and he is one among 15 speakers across India. He received YOUNG SCIENTIST AWARD from ITS-SERB, Department of Science & Technology, Government of India in December 2016. He also received BEST PROJECT GUIDE award consecutively for four years at Malnad College of Engineering, India during 2015, 2016 and 2017.



ABOUT APNG

Asia Pacific Next Generation (APNG) <<https://apng.asia/>> is a non-profit organization dedicated to the advancement of internetworking infrastructure in the Asia Pacific region and to the research and development of all associated enabling technologies. Its key mission, among others is to contribute Digital Growth in the Asia Pacific (AP) region. APNG empowers the Next Generation in Asia Pacific by organising annual APNG Camps, sharing information amongst the community, understanding the digital divide in each AP country to overcome them, advancing digital transformations, contributing at regional forums, creating new opportunities for its members, and organising webinars on emerging topics in technology.

ABOUT APNG WEBINARS

APNG (Asia Pacific Next Generation) <<https://apng.asia/>> is an arena in which future leaders of the digital society in the Asia Pacific region gather to build a human network and learn from each other. Asia Pacific Next Generation has offered resources and discussions for multi-stakeholders from different regions to challenge the digital divide. We had a successful year of 2020 and 2021 webinars, where our esteemed and expert speakers spoke on a range of topics on emerging technologies from Research and Practice on Blockchains to Artificial Intelligence. APNG organises webinars on the third Saturdays of the even months (February, April, June, August, October, and December) of the calendar year. The 1 hour webinar starts at 12:00PM UTC +9.