

Research Excellence Awards 2021

Nominations are open for the *Research Excellence Awards* by the *IEEE Signal Processing Society Malaysia Chapter*. The awards were initiated to recognize excellent research work conducted in the area of signal processing in the previous year.

AWARD CATEGORIES

- #1. IEEE SPS Malaysia **BEST PHD THESIS** Award
- #2. IEEE SPS Malaysia **BEST MASTERS THESIS** Award
- #3. IEEE SPS Malaysia **BEST JOURNAL PAPER** Award
- #4. IEEE SPS Malaysia **BEST CONFERENCE PAPER** Award

For all categories, an expert committee will evaluate the submission based on the originality and contribution of the work in the area of signal processing.

SUBMISSION GUIDELINES

- i. **For categories #1 and #2,**
 - a. the thesis must have been accepted by a Malaysian Institution of Higher Learning (IHL) Senate **between 1st January 2020 and 31st December 2020**, and
 - b. the applicant must be the student.
- ii. **For categories #3 and #4,**
 - a. the paper must have been published **between 1st January 2020 and 31st December 2020** in any journal or conference promoted by IEEE Signal Processing Society (SPS), as listed in the Appendix, and
 - b. the applicant has to be the corresponding or first author of the paper.
- iii. All submissions should not have been submitted for this award previously.
- iv. Each applicant may only submit **at most ONE (1) submission** per category.
- v. The applicant **must be an IEEE Signal Processing Society member** at the time of submission (i.e. this year, **2021**). (Note: please visit www.ieee.org/membership_services/ to join and/or renew membership in IEEE and the Signal Processing Society).

Please submit your application at the link below by Wednesday 31st March 2021.

<https://forms.gle/hT3bqStKcj7mohmdA>

Any problem with the submission please contact hezerul@mmu.edu.my

The winner of each category will be awarded a **certificate, reimbursement** of IEEE Signal Processing Society membership renewal, **50% reimbursement** of IEEE membership renewal and free **virtual pass** attendance to our flagship conference, IEEE ICSIPA 2021.

The award recipients will be invited to receive the award during the IEEE SPS Malaysia's **2021 Symposium on Image Processing, Image Analysis and Real-Time Imaging (IPIARTI)**, which is to be held tentatively on the month of **May, 2021** at UNIKL MIIT, Kuala Lumpur.

Appendix

Journals Supported by IEEE SPS

SPS Periodicals:

1. IEEE JOURNAL OF SELECTED TOPICS IN SIGNAL PROCESSING
2. IEEE SIGNAL PROCESSING LETTERS
3. IEEE SIGNAL PROCESSING MAGAZINE
4. IEEE/ACM TRANSACTIONS ON AUDIO, SPEECH, AND LANGUAGE PROCESSING
5. IEEE TRANSACTIONS ON IMAGE PROCESSING
6. IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY
7. IEEE TRANSACTIONS ON SIGNAL PROCESSING
8. IEEE OPEN JOURNAL OF SIGNAL PROCESSING

Jointly Published Periodicals:

9. IEEE JOURNAL ON BIOMEDICAL AND HEALTH INFORMATICS
10. IEEE TRANSACTIONS ON BIG DATA
11. IEEE TRANSACTIONS ON COGNITIVE COMMUNICATIONS AND NETWORKING
12. IEEE WIRELESS COMMUNICATIONS LETTERS
13. IEEE TRANSACTIONS ON COMPUTATIONAL IMAGING
14. IEEE TRANSACTIONS ON MEDICAL IMAGING
15. IEEE TRANSACTIONS ON MOBILE COMPUTING
16. IEEE TRANSACTIONS ON MULTIMEDIA
17. IEEE TRANSACTIONS ON SIGNAL AND INFORMATION PROCESSING OVER NETWORKS
18. IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS

Other Journals:

19. IEEE BIOMETRICS COMPENDIUM
20. IEEE CLOUD COMPUTING MAGAZINE
21. IEEE COMPUTING IN SCIENCE & ENGINEERING MAGAZINE
22. IEEE INTERNET OF THINGS JOURNAL
23. IEEE LIFE SCIENCE LETTERS
24. IEEE MULTIMEDIA MAGAZINE
25. IEEE REVIEWS IN BIOMEDICAL ENGINEERING
26. IEEE SECURITY & PRIVACY MAGAZINE
27. IEEE SENSORS JOURNAL
28. IEEE TRANSACTIONS ON AFFECTIVE COMPUTING
29. IEEE TRANSACTIONS ON CLOUD COMPUTING
30. IEEE TRANSACTIONS ON COMPUTATIONAL SOCIAL SYSTEMS
31. IEEE TRANSACTIONS ON MOLECULAR, BIOLOGICAL, AND MULTI-SCALE COMMUNICATIONS
32. IEEE TRANSACTIONS ON NETWORK SCIENCE AND ENGINEERING
33. IEEE TRANSACTIONS ON SMART GRID
34. IEEE ACCESS (articles related to Signal Processing)

**The list is based on <http://www.signalprocessingsociety.org/publications/periodicals/>*

Note: Other reputable journals related to Signal Processing may be considered as well.

Appendix

Conferences supported by IEEE SPS

Wholly-Owned Conferences & Workshops:

1. IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)
2. IEEE International Conference on Image Processing (ICIP)
3. IEEE Global Conference on Signal and Information Processing (GlobalSIP)
4. IEEE Workshop on Automatic Speech Recognition & Understanding (ASRU)
5. IEEE International Workshop on Computational Advances in Multi-Sensor Adaptive Processing (CAMSAP)
6. IEEE Data Science Workshop (DSW)
7. IEEE Workshop on Image, Video, and Multimedia Signal Processing (IVMSP)
8. IEEE Workshop on Machine Learning for Signal Processing (MLSP)
9. IEEE Workshop on Multimedia Signal Processing (MMSP)
10. IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM)
11. IEEE Workshop Spoken Language Technology (SLT)
12. IEEE Workshop on Signal Processing Advances in Wireless Communications (SPAWC)
13. IEEE Workshop on Statistical Signal Processing (SSP)
14. IEEE Workshop on Applications of Signal Processing to Audio and Acoustics (WASPAA)
15. IEEE International Workshop on Information Forensics and Security (WIFS)

Co-Sponsored Conferences & Workshops:

16. IEEE International Conference on Multimedia & Expo (ICME)
17. IEEE International Symposium on Biomedical Imaging (ISBI)
18. IEEE Conference on Advance Video and Signal-Based Surveillance (AVSS)
19. ACM/IEEE International Conference on Information Processing in Sensor Networks (IPSN)
20. IEEE International Symposium on Signal Processing and Information Technology (ISSPIT)
21. IEEE Workshop on Signal Processing Systems (SiPS)

IEEE SPS Malaysia Chapter Flagship Conference:

22. IEEE International Conference on Signal and Image Processing Applications (ICSIPA)

**The list is adapted from <https://signalprocessingsociety.org/events/conferences>*