CEDA®
IEEE Council on Electronic Design Automation

A Message from the VP Publicity

Dear CEDA Community,

Hoping you and your families are all well in this new year. I would like to take this opportunity to introduce myself. My name is Agnieszka Dubaj and I am excited to serve in the role of VP Publicity for CEDA in 2022 and 2023. Please do not hesitate to reach out to me with any new ideas or how we could be improving our communications with the EDA Community.

Our goal for *Currents* in 2022 is to increase the exposure of CEDA-related events and news from our conferences, publications, chapters, and member societies. If you would like to promote your next event, please submit your contributions via our webform.

As always, the best way to keep up-to-date with news and announcements is to follow CEDA on social media and on our website. You can join the CEDA Community on Facebook, Twitter, LinkedIn, and YouTube!

Wishing you all a happy new year!

Agnieszka Dubaj
CEDA VP Publicity
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2022 Awards Nominations Deadlines

The IEEE Council on Electronic Design Automation is soliciting nominations for its awards. To view the full detailed listing of each award, please visit the awards page on our website.

The **Fellows Program** is conferred by the Board of Directors upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest.

Nominations Deadline: 1 March 2022

The **A. Richard Newton Technical Impact Award** honors a person or persons for an outstanding technical contribution within the scope of Electronic Design Automation, as evidenced by a paper published at least ten years before the presentation of the award.

Nomination Deadline: 15 March 2022

The **TCAD Donald O. Pederson Best Paper Award** recognizes the best paper published in the IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems.

Nomination Deadline: 15 March 2022

The **Phil Kaufman Hall of Fame** recognizes all Phil Kaufman awardees as well as selected individuals who are recognized posthumously who have made significant and noteworthy contributions through creativity, entrepreneurism and innovation to the electronic system design industry. *Please note that the nomination form is for candidates that do not qualify for the Kaufman award anymore due to passing away.

Nomination Deadline: 31 March 2022

The **Ernest S. Kuh Early Career Award** recognizes an individual who has made substantial contributions to the area of Electronic Design Automation in the early stages of his or her career.

Nomination Deadline: 15 April 2022

The Phil Kaufman Award for Distinguished Contributions to Electronic Design Automation is jointly sponsored by the ESD-Alliance and the IEEE Council on Electronic Design Automation and honors an individual who has had a demonstrable impact on the field of electronic design through contributions in Electronic Design Automation.

Nomination Deadline: 30 June 2022

The **Distinguished Service Award** recognizes an individual who has provided outstanding service to the IEEE Council that has had a significant benefit to the Electronic Design Automation community.

Nominations are accepted on a rolling basis.

Nominators should utilize the forms associated with each award description found on the **website.**

Call for Participation: ACM SIGDA/IEEE CEDA Ph.D. Forum at DAC 2022

The Ph.D. Forum at the Design Automation Conference is a poster session hosted by ACM SIGDA and IEEE CEDA for Ph.D. students to present and discuss their dissertation research with people in the EDA community. It has become one of the premier forums for Ph.D. students in design automation to get feedback on their research and to connect with other members of the community. It also enables both, academicians and industry, to see the best graduating students in one place. Presentations are selected through a scientific evaluation by an expert committee consisting of academia and industry.

All presentations selected to be presented at the DAC Ph.D. Forum are eligible to apply for some travel support as well as for getting awarded with a Best Presentation Award. The forum is co-located with DAC and is free of charge for all members of the design automation

community. DAC registration is not required in order to attend this event.

CAD for Assurance Webinars

The CAD for Assurance webinar series is an educational initiative that provides CEDA members with access to relevant CAD tools to use. The CAD for Trust and Assurance website is an academic dissemination effort by researchers in the field of hardware security. The goal is to assemble information on all CAD for trust/assurance activities in academia and industry in one place and share them with the broader community of researchers and practitioners in a timely manner, with an easy-to-search and easy-to-access interface. This includes information on major CAD tools the research community has developed over the past decade, including open-source license-free or ready-for-licensing tools, associated metrics, relevant publications, and video-demos.

The series will continue on 18 February 2022 with two demonstrations on the topics "SAIL: Machine Learning Attack on Logic Locking and Obfuscation" and "PLAN: Power Side Channel Evaluation." CAD for Assurance has a dedicated website with the tools and additional information on each of the webinars.

Registration is free for the webinars, however is required in order to attend. Additional information can be found on the CEDA CAD for Assurance website.

Design, Automation, and Test in Europe (DATE) Now Virtual

The Design, Automation, and Test in Europe Conference (DATE 2022) will now be held online via a virtual platform. Due to the current situation of COVID-19, the travel and quarantine restrictions have a strong impact on the health concerns and traveling opportunities for speakers and attendees.

The DATE 2022 edition will exhibit a special format. The first two days (14-15 March 2022) feature invited live sessions, talks, and panels on emerging topics of interest for DATE, on top of four keynote talks. In the following days (16-23 March 2022), the scientific papers will be presented by means of a recorded video and authors will attend the online sessions to briefly pitch their work and be engaged in Q & A sessions to discuss their solutions and results.

Please kindly note that everyone who wants to attend the conference or single sessions must register. Additional information on registration rates, events, and the program of the conference can be found on the website.

ICCAD Call for Papers

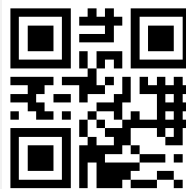The 2022 IEEE/ACM International Conference on Computer-Aided Design (ICCAD) is the premier forum to explore the new challenges, present leading edge innovative solutions, and identify emerging technologies in the Electronic Design Automation research areas. ICCAD covers the full range of CAD topics – from device and circuit-level up through system-level, as well as post-CMOS design. ICCAD has a long-standing tradition of producing a cutting-edge, innovative technical program for attendees.

Papers are now being solicited for the 41st edition of the conference. Suitable topics include, but are not limited to the following: System-Level CAD, Synthesis, Verification, Physical Design, Analysis, Simulation, and Modeling, and CAD for Emerging Technologies, Paradigms.

Abstract submissions are due on 16 May 2022. Special session, tutorial, and workshop proposals and full paper submissions are due on 23 May 2022.

For a full list of topics and guidelines, visit the ICCAD website.

The conference will be held in San Diego, California, USA and online from 30 October-3 November 2022 as a hybrid conference.

Find us online at **ieee-ceda.org**
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Please send contributions to Agnieszka Dubaj

Contributions Form

IEEE Embedded Systems Letters is open for submissions

Visit bit.ly/ESLsubmissions

IEEE Design & Test is open for submissions

Visit bit.ly/DTsubmissions