Association for Computing Machinery

Advancing Computing as a Science & Profession

MEDIA ADVISORY

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Top Software Engineering Conference Highlights Latest Research and Practical Applications

2021 ACM ESEC/FSE Conference to Be Held Virtually from August 23-27

New York, NY, August 17, 2021 – The [ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE)](#) will be held virtually this year from August 23-27. ESEC/FSE is an internationally renowned forum for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, experiences, and challenges in the field of software engineering. ESEC/FSE brings together experts from academia and industry to exchange the latest research results and trends, as well as their practical application in all areas of software engineering.

Software engineering powers the global economy, and its central importance was only heightened by the COVID-19 pandemic, with software applications making possible the explosive growth in e-work, e-school and e-commerce applications. Beyond the "everything digital" phenomenon, the software field is being rapidly transformed by other trends, such as no code/low code platforms that allow almost anyone to develop software with graphical interfaces instead of traditional coding, the growth of cloud services, and the adoption of advanced technologies such as machine learning and hybrid architecture.

The ESEC/FSE program includes talks on recent innovations in software engineering; industry best practices; software engineering of the future; workshops; tool demonstrations; and a Student Research Competition.

ESEC/FSE HIGHLIGHTS
Visit [here](#) to explore the full ESEC/FSE Program

ESEC/FSE Keynotes:
"Programming and Execution Models for Next Generation Code Intelligence Systems"
Mira Mezini, TU Darmstadt

"The 4P's-Product, Process, People, and Productivity: A Data-driven Approach to Improve Software Engineering"
Nachiappan Nagappan, Facebook US

"Balance Between Engineering and Company Building"
Panos Papadopoulos, Marathon Venture Capital

Invited Industry Speakers:
"Interactive Analysis of Large Code Bases"
Gerard Holzmann, Nimble Research

"Industry Best Practices for CI/CD"
John Micco, VMWare

"Managers Hate Uncertainty: Good and Bad Experiences with Adaptive Project Management"
Han Schaminée, Technical University of Eindhoven

"Huawei's Practices on Trusted Software Engineering Capability Improvement"
Wilson Wang, Huawei Technologies Ltd.

MEDIA REGISTRATION
Contact Jim Ormond at ormond@hq.acm.org for media registration and related inquiries.

About ACM SIGSOFT
ACM SIGSOFT focuses on issues related to all aspects of software development and maintenance. Areas of special interest include: requirements, specification and design, software architecture, validation, verification, debugging, software safety, software processes, software management, measurement, user interfaces, configuration management, software engineering environments, and CASE tools. SIGSOFT sponsors or co-sponsors many conferences and events.

About ACM
ACM, the Association for Computing Machinery, is the world's largest educational and scientific computing society, uniting computing educators, researchers and professionals to inspire dialogue, share resources and address the field's challenges. ACM strengthens the computing profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. ACM supports the professional growth of its members by providing opportunities for life-long learning, career development, and professional networking.

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