Write a Blog >> (https://conf.researchr.org/blogposts/icse-2022)

🏠 () /

SEIP - Software Engineering in Practice

ICSE 2022

About   Program   Accepted Papers   Call for Papers

Call for Papers

The Software Engineering in Practice (SEIP) Track is the premier venue for practitioners and researchers to discuss insights, innovations, and solutions to concrete software engineering problems. Practical software development relies on excellent software engineering research.

SEIP provides a unique forum for networking, exchanging ideas, fostering innovations, and forging long-term collaborations to address Software Engineering research that impacts directly on practice. It is one of the most prestigious forums in which to publish work in the Software Engineering literature. SEIP will include participants and speakers from both industrial and academic sectors, drawing together researchers and practitioners eager to communicate and share common interests in software engineering. The track will be composed of invited talks, paper presentations, and interactive sessions, all with a strong focus on software practice.

Please note that the ICSE SEIP track does NOT require double-anonymous review. Unlike other ICSE tracks, it is often important for SEIP paper authors and the organisations involved to be visible to the reviewers in order for the reviewers to fully understand the industrial relevance and context.

Submissions

We seek the following two types of submission, both of which must be written exclusively in English and for which paper limits include references.

Full papers (up to 10 pages)

Full papers address industrially-relevant problems through systematic investigations. Each paper should describe a problem of practical importance, explain how the problem was investigated and in what context, and present evidence for the paper's conclusions. The submission should have technical and empirical soundness. Other aspects that should also be included where appropriate include: discussing why the resolution of the problem is innovative, (cost-) effective, or efficient; providing a concise explanation of the approach, techniques, and methodologies employed; and explaining the insights or best practices that emerged, tools developed, and/or software processes involved.

Full papers will appear in the ICSE SEIP Companion proceedings.

Industrial Challenge papers (up to 2 pages)

Industrial challenge papers outline a new research challenge, arising from industrial software practice and experience. A challenge paper will clearly articulate the problem and motivate it in terms of its potential for industrial impact and/or its practical importance. The aim of the call for challenge papers is to provide a growing pool of well-defined industrially relevant problems for the research community to tackle.

Industrial challenge papers will appear in the ICSE SEIP Companion proceedings.

Formatting and Submission Links

Formatting instructions are available at https://www.acm.org/publications/proceedings-template (https://www.acm.org/publications/proceedings-template) for both LaTeX and Word users. LaTeX users must use the provided acmart.cls and ACM-Reference-Format.bst without modification, enable the conference format in the preamble of the document (i.e., `\documentclass[sigconf,review]{acmart}`), and use the ACM reference format for the bibliography (i.e., `\bibliographystyle{ACM-Reference-Format}`). The review option adds line numbers, thereby allowing referees to refer to specific lines in their comments.

SEIP does NOT use double-anonymous review. All SEIP papers must be written in English. All SEIP papers should be made accessible to people with disabilities. Guidelines (from the folks at SIGACCESS) can be found here: https://assets21.sigaccess.org/creating_accessible_pdfs.html (https://assets21.sigaccess.org/creating_accessible_pdfs.html).

All SEIP papers must be submitted through EasyChair, using the following link: https://easychair.org/conferences/?conf=icseseip2022 (https://easychair.org/conferences/?conf=icseseip2022)

Evaluation

All SEIP submissions will be reviewed by members of the SEIP Program Committee. Submissions will be evaluated based on relevance to industrial practice, the significance of contribution, and the quality of presentation.

By submitting to this track, authors acknowledge that they are aware of and agree to be bound by the ACM Policy and Procedures on Plagiarism (https://www.acm.org/publications/policies/plagiarism (https://www.acm.org/publications/policies/plagiarism)) and the IEEE Plagiarism FAQ (https://www.ieee.org/publications/rights/plagiarism/plagiarism-faq.html (https://www.ieee.org/publications/rights/plagiarism/plagiarism-faq.html)). In particular, papers submitted to ICSE 2022 SEIP must not have been published elsewhere and must not be under review or submitted for review elsewhere whilst under consideration for ICSE SEIP 2022. Contravention of this concurrent submission policy will be deemed a serious breach of scientific ethics, and appropriate action will be taken in all such cases. To check for double submission and plagiarism issues, the chairs reserve the right to (1) share the list of submissions with the PC Chairs of other conferences with overlapping review periods and (2) use external plagiarism detection software, under contract to the ACM or IEEE, to detect violations of these policies.

By submitting to this track, authors acknowledge that they conform to the authorship policy of the ACM (https://www.acm.org/publications/policy-on-authorship (https://www.acm.org/publications/policy-on-authorship)), and the authorship policy of the IEEE (https://journals.ieeeauthorcenter.ieee.org/become-an-ieee-journal-author/publishing-ethics/definition-of-authorship/ (https://journals.ieeeauthorcenter.ieee.org/become-an-ieee-journal-author/publishing-ethics/definition-of-authorship/)).

Important Dates

SEIP Paper Submission Deadline: 15 October 2021.

SEIP Paper Acceptance Notification: 14 January 2022.

SEIP Paper Camera Ready Copy Due: 11 February 2022.

Conference Attendance Expectation

If a submission is accepted, at least one author of the paper is required to present the paper. The presentation can be in person, or possibly performed virtually, due to travel limitations (related to, e.g., health, visa, or COVID-19 constraints).

Contact

If there are queries regarding the CFP, please contact the ICSE SEIP 2022 chairs (Mark Harman and Heather Miller): icseseip2022@easychair.org (mailto:icseseip2022@easychair.org)

Important Dates   🌐🕐 AoE (UTC-12h)

Fri 11 Feb 2022
Paper Camera Ready Copy Due

Fri 14 Jan 2022
Paper Acceptance Notification

Fri 15 Oct 2021
Paper Submission Deadline

Program Committee (https://conf.researchr.org/committee/icse-2022/icse-2022-seip---software-engineering-in-practice-program-committee)

Mark Harman   SEIP Co-Chair
Meta Platforms, Inc. and UCL
United Kingdom
(https://conf.researchr.org/profile/icse-2022/markharman1)

Heather Miller   SEIP Co-Chair
Carnegie Mellon University, USA
(https://conf.researchr.org/profile/icse-2022/heathermiller)

Afnan Al-Subaihin
University College London
United Kingdom
(https://conf.researchr.org/profile/icse-2022/afnanalsubaihin)

Shaukat Ali
Simula Research Laboratory, Norway
Norway
(https://conf.researchr.org/profile/icse-2022/shaukatali)

Nadia Alshahwan
Facebook
United Kingdom
(https://conf.researchr.org/profile/icse-2022/nadiaalshahwan)

Paul Anderson
GrammaTech, Inc
(https://conf.researchr.org/profile/icse-2022/paulanderson1)

Giulio Antoniol
Ecole Polytechnique de Montreal

Canada

(https://conf.researchr.org/profile/icse-2022/giulioantoniol)

Rami Bahsoon
University of Birmingham
United Kingdom

(https://conf.researchr.org/profile/icse-2022/ramibahsoon)

Paul Baker
Chase International Digital Bank
United Kingdom

(https://conf.researchr.org/profile/icse-2022/paulbaker)

Marcio Barros
UNIRIO
Brazil

(https://conf.researchr.org/profile/icse-2022/marciobarros)

Thais Batista
Federal University of Rio Grande do Norte
Brazil

(https://conf.researchr.org/profile/icse-2022/thaisbatista)

Marcel Böhme
MPI-SP, Germany and Monash University, Australia
Germany

(https://conf.researchr.org/profile/icse-2022/marcelbohme)

Alejandra Cechich

(https://conf.researchr.org/profile/icse-2022/alejandracechich)

Mei-Hwa Chen
SUNY Albany, USA

(https://conf.researchr.org/profile/icse-2022/meihwachen)
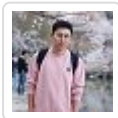
Zhenpeng Chen
University College London, UK
United Kingdom

(https://conf.researchr.org/profile/icse-2022/zhenpengchen)

Ruzanna Chitchyan
University of Bristol
United Kingdom

(https://conf.researchr.org/profile/icse-2022/ruzannachitchyan)

Thelma E. Colanzi Lopez

State University of Maringá

(https://conf.researchr.org/profile/icse-2022/thelmaecolanzilopez)

Steve Counsell
Brunel University London
United Kingdom

(https://conf.researchr.org/profile/icse-2022/stevecounsell)

Antinisca Di Marco
University of L'Aquila
Italy

(https://conf.researchr.org/profile/icse-2022/antiniscadimarco)

Wolfgang Emmerich
Zuhlke Engineering Ltd
United Kingdom

(https://conf.researchr.org/profile/icse-2022/wolfgangemmerich)

Anna Rita Fasolino
Federico II University of Naples
Italy

(https://conf.researchr.org/profile/icse-2022/annarita)

Philippa Gardner
Imperial College London
United Kingdom

(https://conf.researchr.org/profile/icse-2022/philippagardner)

Patrice Godefroid
Microsoft Research, USA
United States

(https://conf.researchr.org/profile/icse-2022/patricegodefroid)

Georgios Gousios
Endor Labs & Delft University of Technology
Netherlands

(https://conf.researchr.org/profile/icse-2022/georgiosgousios)

Shi Han
Microsoft Research
China

(https://conf.researchr.org/profile/icse-2022/shihan1)

Rachel Harrison
Oxford Brookes University
United Kingdom

(https://conf.researchr.org/profile/icse-2022/rachelharrison)

John Hughes

Chalmers University of Technology, Sweden

Sweden

(https://conf.researchr.org/profile/icse-2022/johnhughes)

Gregory Kapfhammer
Allegheny College

United States

(https://conf.researchr.org/profile/icse-2022/gregorykapfhammer)

Marouane Kessentini
Oakland University, USA

United States

(https://conf.researchr.org/profile/icse-2022/marouanekessentini)

Seohyun Kim
Meta

United States

(https://conf.researchr.org/profile/icse-2022/seohyunkim)

Jens Krinke
University College London

United Kingdom

(https://conf.researchr.org/profile/icse-2022/jenskrinke)

Raluca Lefticaru
University of Bradford

United Kingdom

(https://conf.researchr.org/profile/icse-2022/ralucalefticaru)

Ge Li
Peking University

(https://conf.researchr.org/profile/icse-2022/geli)

Yuanchun Li
Microsoft Research

China

(https://conf.researchr.org/profile/icse-2022/yuanchunli1)

Guangtai Liang
Huawei Technologies

China

(https://conf.researchr.org/profile/icse-2022/guangtailiang)

Qingwei Lin
Microsoft Research

China

(https://conf.researchr.org/profile/icse-2022/qingweilin)

Ralf Lämmel

Universität Koblenz

Germany

(https://conf.researchr.org/profile/icse-2022/ralflammel1)

Ruchika Malhotra
Delhi Technological University

India

(https://conf.researchr.org/profile/icse-2022/ruchikamalhotra)

Darko Marinov
University of Illinois at Urbana-Champaign

United States

(https://conf.researchr.org/profile/icse-2022/darkomarinov)

Phil McMinn
University of Sheffield

United Kingdom

(https://conf.researchr.org/profile/icse-2022/philmcminn)

Inmaculada Medina-Bulo
Universidad de Cádiz

Spain

(https://conf.researchr.org/profile/icse-2022/inmaculadamedinabulo)

John Micco
VMware

United States

(https://conf.researchr.org/profile/icse-2022/johnmicco1)

Henry Muccini
University of L'Aquila, Italy

Italy

(https://conf.researchr.org/profile/icse-2022/henrymuccini)

Peter O'Hearn
Facebook

(https://conf.researchr.org/profile/icse-2022/peterohearn)

Kathia Oliveira
UPHF

(https://conf.researchr.org/profile/icse-2022/kathiaoliveira)

Matheus Paixao
University of Fortaleza

Brazil

(https://conf.researchr.org/profile/icse-2022/matheuspaixao)

Ajitha Rajan

University of Edinburgh

United Kingdom

(https://conf.researchr.org/profile/icse-2022/ajitharajan)

S Ramesh

General Motors R&D

United States

(https://conf.researchr.org/profile/icse-2022/sramesh)

Marc Roper

University of Strathclyde

United Kingdom

(https://conf.researchr.org/profile/icse-2022/marcroper)

Ina Schieferdecker

BMBF

Germany

(https://conf.researchr.org/profile/icse-2022/inaschieferdecker1)

Daniel Schwartz-Narbonne

Amazon, n.n.

United States

(https://conf.researchr.org/profile/icse-2022/danielschwartznarbonne)

Mary Shaw

Carnegie Mellon University

(https://conf.researchr.org/profile/icse-2022/maryshaw)

Thomas Stifter

IEE S.A.

Luxembourg

(https://conf.researchr.org/profile/icse-2022/thomasstifter)

Serdar Tasiran

Amazon, n.n.

(https://conf.researchr.org/profile/icse-2022/serdartasiran)

Jan Vitek

Northeastern University; Czech Technical University

United States

(https://conf.researchr.org/profile/icse-2022/janvitek)

Tanja E. J. Vos

Universitat Politècnica de València and Open Universiteit

(https://conf.researchr.org/profile/icse-2022/tanjaejvos)

Helene Waeselynck

LAAS-CNRS

France

(https://conf.researchr.org/profile/icse-2022/helenewaeselynck)

Kristen Walcott

University of Colorado Colorado Springs

United States

(https://conf.researchr.org/profile/icse-2022/kristenwalcott)

Neil Walkinshaw

University of Sheffield

United Kingdom

(https://conf.researchr.org/profile/icse-2022/neilwalkinshaw)

Pei Wang

Google

(https://conf.researchr.org/profile/icse-2022/peiwang)

Joachim Wegener

Expleo Germany GmbH

Germany

(https://conf.researchr.org/profile/icse-2022/joachimwegener)

Elaine Weyuker

University of Central Florida

United States

(https://conf.researchr.org/profile/icse-2022/elaineweyuker)

Xin Xia

Huawei Software Engineering Application Technology Lab

China

(https://conf.researchr.org/profile/icse-2022/xinxia)

Tao Xie

Peking University

China

(https://conf.researchr.org/profile/icse-2022/taoxie)

Steffen Zschaler

King's College London

United Kingdom

(https://conf.researchr.org/profile/icse-2022/steffenzschaler)