



**Submission data for 2023 CORE conference ranking process  
IEEE International Requirements Engineering Conference**

Walid Maalej, Daniel Amyot, Irit Hadar, Fabiano Dalpiaz

## **Introductory Questions**

### **Conference**

Title: IEEE International Requirements Engineering Conference

Acronym : RE

Rank: A

### **Requested Rank**

Rank: A

### **Conference Details**

Month: August

Publisher: IEEE CS

Bi-annual: False

Multiconference: False

Component in a multi-conference or umbrella event: False

Colocated with other events: False

Alternative content: True

Alternative content description: Full research papers, Industrial innovation papers, New ideas papers (RE@Next!), Doctoral symposium papers, Posters and Tool Demos

### **Proceedings Publishing Style**

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://www.computer.org/csdl/proceedings/re/2022/1HBKoIycSc0>

Further details: RE is an IEEE conference. The proceedings are published yearly by IEEE CS proceedings series:

<https://www.computer.org/csdl/proceedings/1000630>

There are usually two proceedings: one main proceedings for the main conference and one companion proceedings for about 10 to 12 pre-conference workshops.

### **Most Recent Years**

#### **Most Recent Year**

Year: 2022

URL: <https://conf.researchr.org/home/RE-2022>

Location: Melbourne, Australia (held online)

Papers submitted: 70

Papers published: 18

Acceptance rate: 26

Source for numbers: <https://www.computer.org/csdl/pds/api/csdl/proceedings/download-article/1HBKrbUHTna/pdf>

### **General Chairs**

Name: Jean-Guy Schneider Affiliation: Monash University, Australia Gender: M H Index: 25 GScholar url: <a href="https://scholar.google.com/citations?user=7ZrNsYEAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=7ZrNsYEAAAAJ&amp;hl=en&amp;oi=ao</a> DBLP url: <a href="https://dblp.org/pid/93/2780.html">https://dblp.org/pid/93/2780.html</a>
Name: Muneera Bano Affiliation: CSIRO's Data61, Australia Gender: F H Index: 21 GScholar url: <a href="https://scholar.google.com/citations?user=i8cxcTwAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=i8cxcTwAAAAJ&amp;hl=en&amp;oi=ao</a> DBLP url: <a href="https://dblp.org/pid/72/9870.html">https://dblp.org/pid/72/9870.html</a>

**Program Chairs**

Name: Eric Knauss Affiliation: Chalmers   University of Gothenburg, Sweden Gender: M H Index: 35 GScholar url: <a href="https://scholar.google.com/citations?user=jlnAa9cAAAAJ&amp;hl=it">https://scholar.google.com/citations?user=jlnAa9cAAAAJ&amp;hl=it</a> DBLP url: <a href="https://dblp.org/pid/k/EricKnauss.html">https://dblp.org/pid/k/EricKnauss.html</a>
Name: Gunter Müssbacher Affiliation: McGill University, Canada Gender: M H Index: 28 GScholar url: <a href="https://scholar.google.ca/citations?user=VPT9ueMAAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.ca/citations?user=VPT9ueMAAAAAJ&amp;hl=en&amp;oi=ao</a> DBLP url: <a href="https://dblp.uni-trier.de/pid/49/6874.html?view=by-year">https://dblp.uni-trier.de/pid/49/6874.html?view=by-year</a>

**Second Most Recent Year**

Year: 2021  
URL: <https://conf.researchr.org/home/RE-2021>  
Location: Notre Dame, South Bend, USA (online)  
Papers submitted: 102  
Papers published: 33  
Acceptance rate: 32  
Source for numbers: <https://www.computer.org/csdl/pds/api/csdl/proceedings/download-article/1yDjG1yJdC0/pdf>

**General Chairs**

Name: Jane Cleland-Huang Affiliation: University of Notre-Dame, USA Gender: F H Index: 55 GScholar url: <a href="https://scholar.google.com/citations?user=IQ5XCgYAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=IQ5XCgYAAAAJ&amp;hl=en&amp;oi=ao</a> DBLP url: <a href="https://dblp.org/pid/c/JaneClelandHuang.html">https://dblp.org/pid/c/JaneClelandHuang.html</a>
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**Program Chairs**

Name: Ana Moreira Affiliation: Universidade NOVA de Lisboa, Portugal Gender: F H Index: 36 GScholar url: <a href="https://scholar.google.com/citations?user=uB4MBw4AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=uB4MBw4AAAAJ&amp;hl=en&amp;oi=ao</a> DBLP url: <a href="https://dblp.org/pid/m/AnaMoreira.html">https://dblp.org/pid/m/AnaMoreira.html</a>
Name: Kurt Schneider Affiliation: Leibniz Universität Hannover, Germany Gender: M H Index: 39 GScholar url: <a href="https://scholar.google.com/citations?user=Jlu_3qcAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=Jlu_3qcAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/s/KurtSchneider.html">https://dblp.org/pid/s/KurtSchneider.html</a>

**Third Most Recent Year**

Year: 2020  
URL: <https://re20.org/>  
Location: Zurich, Switzerland  
Papers submitted: 108  
Papers published: 28  
Acceptance rate: 26  
Source for numbers: <https://www.computer.org/csdl/pds/api/csdl/proceedings/download-article/1nMQwY0mcIU/pdf>

## General Chairs

Name: Martin Glinz  
Affiliation: University of Zurich, Switzerland  
Gender: M  
H Index: 33  
GScholar url: <https://scholar.google.com/citations?hl=en&user=FpBbJW8AAAAJ>  
DBLP url: <https://dblp.org/pid/g/MartinGlinz.html>

Name: Samuel Fricker  
Affiliation: University of Applied Sciences and Arts Northwestern Switzerland  
Gender: M  
H Index: 23  
GScholar url: <https://scholar.google.com/citations?hl=en&user=1ad7KLUAAAAJ>  
DBLP url: <https://dblp.org/pid/72/5557.html>

## Program Chairs

Name: Andrea Zisman  
Affiliation: The Open University, UK  
Gender: F  
H Index: 33  
GScholar url: <https://scholar.google.com/citations?user=U-1HQ1IAAAAAJ&hl=en&oi=ao>  
DBLP url: <https://dblp.org/pid/91/3835.html>

Name: Travis Breaux  
Affiliation: Carnegie Mellon University, USA  
Gender: M  
H Index: 32  
GScholar url: [https://scholar.google.com/citations?user=SjiG\\_ZsAAAAJ&hl=en&oi=ao](https://scholar.google.com/citations?user=SjiG_ZsAAAAJ&hl=en&oi=ao)  
DBLP url: <https://dblp.org/pid/62/962.html>

## Policies

Chair Selection: The RE conference series is governed by the steering committee, consisting of all program and general chairs from the past five years plus an industrial representative. The steering committee chair is elected for 3 years.

Website: <https://requirements-engineering.org/#steering-committee>

Everyone (with enough knowledge of and contribution to the community) can submit a bid for a certain (open) year in future (usually 2-3 years ahead). The steering committee (SC) votes once a year for the bids. The proposer of the winning bid becomes the general chair of the corresponding year.

The PC co-chairs for the next edition of IEEE RE are separately elected by the steering committee. In the first step, the SC chair invites the SC members to nominate up to two people who may qualify as program chairs with a brief explanation and description of merits. The list of nominations is screened and shared with the committee. In the second step, the SC members votes anonymously for their top 3 favourites (3, 2, 1 points accordingly). The two nominees with the highest number of votes are then asked to serve as PC co-chairs (sequentially).

Policy name: IEEE CS diversity and inclusion policy.

Policy url: <https://www.computer.org/about/diversity-inclusion>

## Program Committee

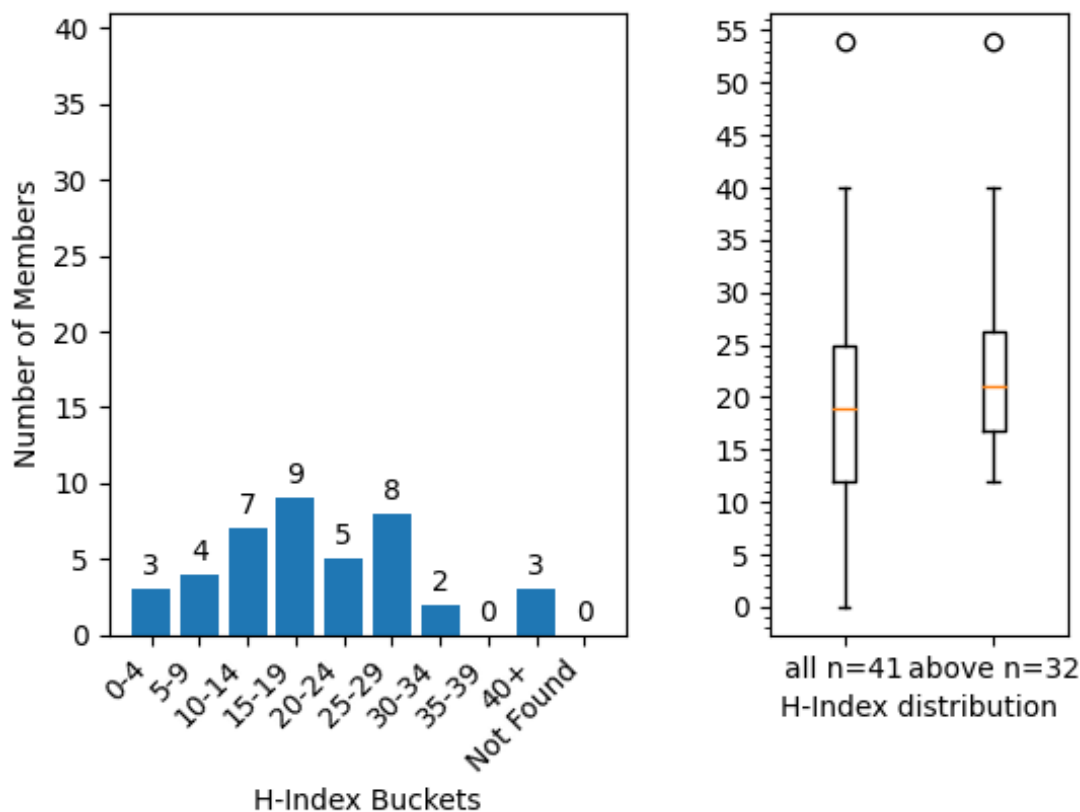
Link to pc: <https://conf.researchr.org/track/RE-2022/RE-2022-Research-Papers>

File: [http://portal.core.edu.au/core/media/2023/pc\\_members/2022\\_XV7ncjQ.txt](http://portal.core.edu.au/core/media/2023/pc_members/2022_XV7ncjQ.txt)

H-index plot: [http://portal.core.edu.au/core/media/2023/pc\\_graphs/higherrank\\_hindex\\_buckets\\_2049.png](http://portal.core.edu.au/core/media/2023/pc_graphs/higherrank_hindex_buckets_2049.png)

Information contained within these graphs is derived using the Elsevier Scopus Database 2023.

Scopus h-index is generally about 30% lower than Google Scholar h-index.



### Publishing of established researchers in the PC

[http://portal.core.edu.au/core/media/2023/conf\\_submissions\\_clean\\_spc/higherrank2049\\_spc\\_report.csv](http://portal.core.edu.au/core/media/2023/conf_submissions_clean_spc/higherrank2049_spc_report.csv)

**WPP Report:** [http://portal.core.edu.au/core/media/2023/wpp\\_reports/jgnM102d.txt](http://portal.core.edu.au/core/media/2023/wpp_reports/jgnM102d.txt)

1. IEEE International Requirements Engineering Conference (RE)

Core Rank: A

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 This venue was published at 97 times by 23 of 28 individuals in the last 5+ years.

The individuals that publish at this venue are: Nan Niu(14), Fabiano Dalpiaz(13), Norbert Seyff(13), Zhi Jin(10), Daniel Amyot(8), Jane Cleland-Huang(6), Paola Spoletini(5), John Mylopoulos(4), Julio Cesar Sampaio do Prado Leite(4), Martin Glinz(4), Neil A. Ernst(4), Yijun Yu(4), Barbara Paech(3), Miguel Goulao(3), Pete Sawyer(3), Maya Daneva(2), Samuel A. Fricker(2), Sepideh Ghanavati(2), Carina Frota Alves(1), Daniel M. Berry(1), Emmanuel Letier(1), Fitsum Meshesha Kifetew(1), Raian Ali(1)

In 2018, there were 21 publications by 13 individuals: Barbara Paech, Daniel Amyot, Fabiano Dalpiaz, Jane Cleland-Huang, John Mylopoulos, Julio Cesar Sampaio do Prado Leite, Martin Glinz, Maya Daneva, Miguel Goulao, Nan Niu, Norbert Seyff, Paola Spoletini, Pete Sawyer

In 2019, there were 29 publications by 14 individuals: Barbara Paech, Daniel Amyot, Daniel M. Berry, Fabiano Dalpiaz, Martin Glinz, Maya Daneva, Miguel Goulao, Nan Niu, Neil A. Ernst, Norbert Seyff, Paola Spoletini, Samuel A. Fricker, Yijun Yu, Zhi Jin

In 2020, there were 6 publications by 6 individuals: Carina Frota Alves, Daniel Amyot, Jane Cleland-Huang, John Mylopoulos, Neil A. Ernst, Paola Spoletini

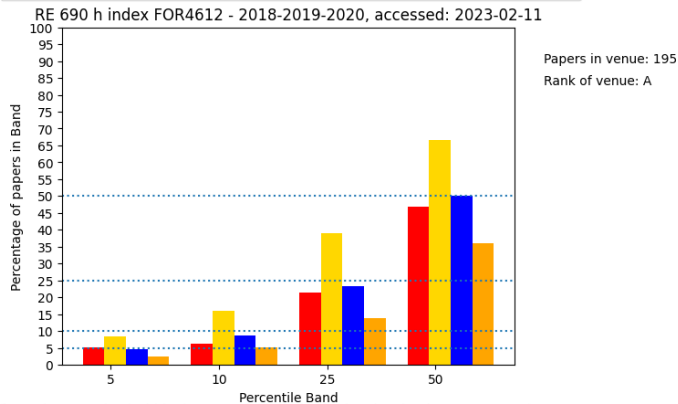
In 2021, there were 25 publications by 14 individuals: Daniel Amyot, Fabiano Dalpiaz, Fitsum Meshesha Kifetew, Julio Cesar Sampaio do Prado Leite, Miguel Goulao, Nan Niu, Norbert Seyff, Paola Spoletini, Pete Sawyer, Raian Ali, Samuel A. Fricker, Sepideh Ghanavati, Yijun Yu, Zhi Jin

In 2022, there were 16 publications by 13 individuals: Barbara Paech, Daniel Amyot, Emmanuel Letier, Fabiano Dalpiaz, Jane Cleland-Huang, John Mylopoulos, Julio Cesar Sampaio do Prado Leite, Nan Niu, Neil A. Ernst, Norbert Seyff, Pete Sawyer, Yijun Yu, Zhi Jin

23 out of the 28 individuals published at this venue in 1 or more years  
 17 out of the 28 individuals published at this venue in 2 or more years  
 14 out of the 28 individuals published at this venue in 3 or more years  
 5 out of the 28 individuals published at this venue in 4 or more years  
 1 out of the 28 individuals published at this venue in 5 or more years

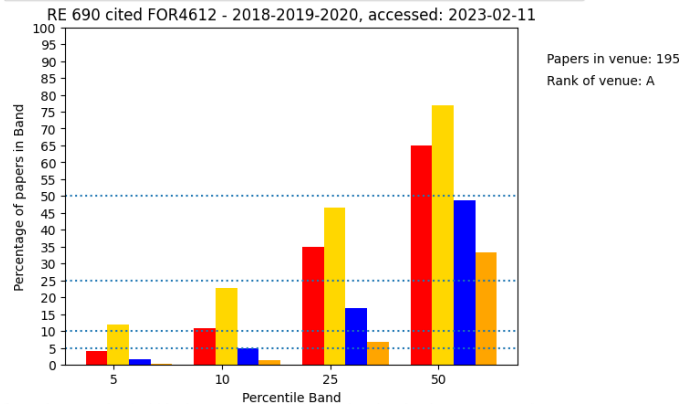
### Centile graphs of paper metrics

■ Papers in IEEE International Requirements Engineering Conference
 ■ B Ranks
 ■ Top Confs (A\*/A)
 ■ C Ranks



Information Contained within these graphs is derived using the Elsevier Scopus Database 2023

■ Papers in IEEE International Requirements Engineering Conference
 ■ B Ranks
 ■ Top Confs (A\*/A)
 ■ C Ranks



Information Contained within these graphs is derived using the Elsevier Scopus Database 2023

### Top People Involvement

name: Walid Maalej

h-index: 36

Google Scholar URL: <https://scholar.google.com/citations?user=zVlpAfQAAAAJ&hl=en&oi=ao>

Justification: - Most Influential Paper Award at Int. Conference on Mining Software Repositories MSR 2021 - IEEE RE Best Paper Award at RE'15 - ACM SIGSOFT Distinguished Paper Award at ICSE'12 - Germany's 2014 Early Stage Scientist of the Year (across all disciplines, DHV/academics) - Editorial Board EMSE Journal

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	3	2	2	1

Attendance: Almost always (>80% of the time)

name: Fabiano Dalpiaz

h-index: 38

Google Scholar URL: <https://scholar.google.com/citations?user=KBPFzMAAAAAJ&hl=en>

Justification: - Associate Editor of the Requirements Engineering Journal - Associate Editor of Business & Information Systems Engineering Journal - Best industrial innovation award at RE'21

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	3	0	2	2

Attendance: Almost always (>80% of the time)

name: Lionel Briand

h-index: 94

Google Scholar URL: <https://scholar.google.com/citations?user=Zj897NoAAAAJ&hl=en&oi=ao>

Justification: - Canada Research Chair (Tier1) - IEEE Fellow and ACM Fellow - ERC Advanced grant - ICSE MIP awards: 2015 and 2021 - ACM SIGSOFT Outstanding Research Award, 2022 - Editor-in-Chief, Empirical Software Engineering, 2003 to 2016 - Best Research Paper Award RE'19, RE'22 and Best Industry Paper Award RE'19.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	0	2	2	1

Attendance: Almost always (>80% of the time)

name: Jane Cleland-Huang

h-index: 55

Google Scholar URL: <https://scholar.google.com/citations?user=IQ5XCgYAAAAJ&hl=en&oi=ao>

Justification: - 2006 IFIP TC2 Manfred Paul Award for Excellence in Software: Theory and Practice - Five ACM SIGSOFT Distinguished Paper awards at ICSE 2010, 2011, 2012, 2018, and ASE 2010 - three best paper awards at the Requirements Engineering Conference -

RE Lifetime Service Award, 2018 - Former Associate Editor-in-Chief, IEEE Transactions on Software Engineering - Former Associate Editor IEEE Software

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	0	1	0	4

Attendance: Almost always (>80% of the time)

name: Zhi Jin

h-index: 41

Google Scholar URL: <https://scholar.google.com/citations?user=ZC7S0bAAAAAJ&hl=en&oi=ao>

Justification: - Fellow of CCF (China Computer Federation) - Senior member of IEEE (Institute of Electrical and Electronics Engineers) - Associated Editor of IEEE Transactions on Software Engineering (2018-now), IEEE Transactions on Reliability (2019-now) - Editorial Board Member of Empirical Software Engineering (2020-now), Requirements Engineering Journal (2017-now) - Best Research Paper Award RE'21

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	0	3	0

Attendance: Almost always (>80% of the time)

name: Nan Niu

h-index: 36

Google Scholar URL: [https://scholar.google.com/citations?user=Ag81t\\_4AAAAAJ&hl=en&oi=ao](https://scholar.google.com/citations?user=Ag81t_4AAAAAJ&hl=en&oi=ao)

Justification: - Most Influential Paper Award at RE 2018 - Best Research Paper Award at RE 2021 & RE 2016 - Associate editor: Requirements Engineering Journal

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	0	2	1

Attendance: Almost always (>80% of the time)

name: Sjaak Brinkkemper

h-index: 60

Google Scholar URL: <https://scholar.google.com/citations?user=yC-jFt0AAAAAJ&hl=en>

Justification: - IFIP Silver Core Medal - Hall of fame International Software Product Management Association (2023) - IFIP 8.1 (member) - MIP RE conference 2014 - Best Industry Paper Award RE'21

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	0	0	2

Attendance: Often (50-80% of the time)

name: Jennifer Horkoff

h-index: 34

Google Scholar URL: <https://scholar.google.com/citations?user=mQvdcosAAAAAJ&hl=en&oi=ao>

Justification: - Editorial Board member of Requirements Engineering - Editorial Board member Journal and Journal of Systems and Software - Program Committee Co-Chair, RE'23, ER 2020, REFSQ'18, PoEM'16

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	0	2	2

Attendance: Almost always (>80% of the time)

name: Didar Zowghi

h-index: 38

Google Scholar URL: <https://scholar.google.com/citations?user=fkPKhYIAAAAAAJ&hl=en&oi=ao>

Justification: - Associate Editor of IEEE Software and the Requirements Engineering Journal. - In 2022, recipient of the IEEE Computer Society's TCSE Distinguished Educator Award - RE Lifetime Service Award, 2019 - Best Research Paper Award RE'18

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	1	1	2

Attendance: Almost always (>80% of the time)

name: John Grundy

h-index: 63

Google Scholar URL: <https://scholar.google.com/citations?user=bbEQGY8AAAAAJ&hl=en&oi=ao>

Justification: - Australian Laureate Fellow - Fellow of Automated Software Engineering - Fellow of Engineers Australia Senior Member of the IEEE - Senior Associate Editor for ACM Computing Surveys - Associate Editor for IEEE Software and for the Automated Software Engineering journal - Editorial Board for the Journal of Computer Languages. - Associate Editor-in-Chief for IEEE Transactions on Software Engineering

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	4	0	0	0

Attendance: Sometimes (20-50% of the time)

## Area Leaders publishing

Method of selection: We started from a google scholar search based on the topic "requirements engineering". We then complemented the list with ACM Fellows who conduct research related to the RE field and have published earlier at the conference.

Keyword: requirements engineering

name	h-index	gscholar url
John Mylopoulos	94	<a href="https://scholar.google.com/citations?hl=en&amp;user=mQ6mh20AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=mQ6mh20AAAAAJ</a>
Jeff Kramer	71	<a href="https://scholar.google.com/citations?hl=en&amp;user=t-fuDjMAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=t-fuDjMAAAAAJ</a>
Matthias Jarke	76	<a href="https://scholar.google.com/citations?hl=en&amp;user=JbioEFgAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=JbioEFgAAAAAJ</a>
Eric Yu	61	<a href="https://scholar.google.com/citations?hl=en&amp;user=c360REEEAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=c360REEEAAAAAJ</a>
Klaus Pohl	57	<a href="https://scholar.google.com/citations?hl=en&amp;user=LONCDwsAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=LONCDwsAAAAAJ</a>
Bashar Nuseibeh	64	<a href="https://scholar.google.com/citations?hl=en&amp;user=aUQ809gAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=aUQ809gAAAAAJ</a>
Roel Wieringa	59	<a href="https://scholar.google.com/citations?hl=en&amp;user=iipNiVIAAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=iipNiVIAAAAAAJ</a>
Betty Cheng	55	<a href="https://scholar.google.com/citations?hl=en&amp;user=qABYFOIAAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=qABYFOIAAAAAAJ</a>
Daniela Damian	51	<a href="https://scholar.google.com/citations?hl=en&amp;user=B-1karUAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=B-1karUAAAAAJ</a>
Jane Cleland-Huang	55	<a href="https://scholar.google.com/citations?hl=en&amp;user=IQ5XCgYAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=IQ5XCgYAAAAAJ</a>
Lionel Briand	94	<a href="https://scholar.google.com/citations?hl=it&amp;user=Zj897NoAAAAAJ">https://scholar.google.com/citations?hl=it&amp;user=Zj897NoAAAAAJ</a>
Carlo Ghezzi	63	<a href="https://scholar.google.com/citations?hl=it&amp;user=Y8BLBGcAAAAAJ">https://scholar.google.com/citations?hl=it&amp;user=Y8BLBGcAAAAAJ</a>
Anthony Finkelstein	64	<a href="https://scholar.google.com/citations?hl=it&amp;user=n8xuCvKAAAAAJ">https://scholar.google.com/citations?hl=it&amp;user=n8xuCvKAAAAAJ</a>
Munindar P. Singh	80	<a href="https://scholar.google.com/citations?user=qNznu3kAAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=qNznu3kAAAAAJ&amp;hl=en&amp;oi=ao</a>
Claes Wohlin	66	<a href="https://scholar.google.com/citations?hl=en&amp;user=gGLdjasAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=gGLdjasAAAAAJ</a>
Barry Boehm	89	<a href="https://scholar.google.com/citations?hl=en&amp;user=EyAD66UAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=EyAD66UAAAAAJ</a>
Ian Sommerville	58	<a href="https://scholar.google.com/citations?hl=en&amp;user=Yk8QyNoAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Yk8QyNoAAAAAJ</a>
Axel van Lamsweerde	44	<a href="https://scholar.google.com/citations?hl=en&amp;user=KhZnymAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=KhZnymAAAAAJ</a>
Laurie Williams	76	<a href="https://scholar.google.com/citations?hl=en&amp;user=Cln2viUAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Cln2viUAAAAAJ</a>
Pamela Zave	37	<a href="https://scholar.google.com/citations?hl=en&amp;user=QqvUgJsAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=QqvUgJsAAAAAJ</a>
Daniel Jackson	50	<a href="https://scholar.google.com/citations?hl=en&amp;user=PXY96lkAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=PXY96lkAAAAAJ</a>
Jon Whittle	46	<a href="https://scholar.google.com/citations?hl=en&amp;user=igMJAZwAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=igMJAZwAAAAAJ</a>

**WPP Report:** [http://portal.core.edu.au/core/media/2023/wpp\\_reports/D2LGcpaq.txt](http://portal.core.edu.au/core/media/2023/wpp_reports/D2LGcpaq.txt)

## 2. IEEE International Requirements Engineering Conference (RE)

Core Rank: A

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This venue was published at 29 times by 8 of 18 individuals in the last 5+ years.

The individuals that publish at this venue are: Lionel C. Briand(7), Jane Cleland-Huang(6), Daniela E. Damian(4), John Mylopoulos(4), Jon Whittle 0001(4), Bashar Nuseibeh(2), Jeff Kramer(1), Roel J. Wieringa(1)

In 2018, there were 8 publications by 4 individuals: Jane Cleland-Huang, John Mylopoulos, Lionel C. Briand, Roel J. Wieringa

In 2019, there were 6 publications by 4 individuals: Bashar Nuseibeh, Daniela E. Damian, Jon Whittle 0001, Lionel C. Briand

In 2020, there were 8 publications by 7 individuals: Bashar Nuseibeh, Daniela E. Damian, Jane Cleland-Huang, Jeff Kramer, John Mylopoulos, Jon Whittle 0001, Lionel C. Briand

In 2021, there were 2 publications by 2 individuals: Jon Whittle 0001, Lionel C. Briand

In 2022, there were 5 publications by 4 individuals: Daniela E. Damian, Jane Cleland-Huang, John Mylopoulos, Lionel C. Briand

8 out of the 18 individuals published at this venue in 1 or more years

6 out of the 18 individuals published at this venue in 2 or more years

5 out of the 18 individuals published at this venue in 3 or more years

1 out of the 18 individuals published at this venue in 5 or more years

## Additional Data

### Google Scholar Data

Sub-category url: [https://scholar.google.com/citations?view\\_op=top\\_venues&hl=en&vq=eng\\_softwaresystems](https://scholar.google.com/citations?view_op=top_venues&hl=en&vq=eng_softwaresystems)

Position in sub-category: 20

h5 index of 20th item in category: 30

h5 index for this conference: 30

## Relationship to similar conferences

Partial ordering of similar conferences in the area, with argument as to where the current venue fits and why:

1. International Conference on Software Engineering (ICSE): ICSE covers the whole spectrum of Software Engineering. However, papers about requirements are rarely submitted and published at ICSE. For this reason, ICSE steering committee decided to invite authors of selected RE papers to showcase this topic at ICSE. RE, on the other hand, covers other types of systems beyond software (such as hardware, socio-technical, systems of systems etc.).
2. ACM SIGSOFT International Symposium on Foundations of Software Engineering (ESEC/FSE): ESEC/FSE is "the small ICSE" and usually has a similar size of attendees to RE (200-300). FSE focuses on source code and developer's study. Almost no RE paper. Also the community and attendees are rather disjunct.
3. IEEE/ACM International Conference on Automated Software Engineering (ASE). Similar to FSE but more related topic-wise to RE since it focuses on automation (e.g. requirements verification). The board variety of RE topics are often not covered at this conference (requirements elicitation, management, traceability, user feedback...)
4. International Conference on Advanced Information Systems Engineering (CAISE). Covers the broad topic of information systems. Information Systems Research has some overlap with RE (particularly elicitation, modeling and analysis). Similar size to RE.
5. REFSQ. Significant overlap in the topics. The community consider REFSQ as a smaller conference with a lower publication barrier. REFSQ is usually organized in Europe and has a Working Conference style. Shorter than RE (not full week).
6. MODELS. Similar size but has less impact (e.g. according to H5 index). Focuses on modelling and model-driven approaches.
7. International Conference on Software Architecture (ICSA). Similar to RE but covers a different engineering area: software architecture. Not much overlap in the community.
8. Software Product Lines Conference SPLC. Focuses on Product Lines (which are/can be one aspect of RE). Not much overlap in the community.
9. ACM/SIGAPP Symposium On Applied Computing. Has a track on Requirements Engineering. Considered by the community as weaker venue.
10. The ACM CHI Conference on Human Factors in Computing Systems. A little overlap with RE. CHI covers the broad area of Human-Computer interaction. Some CHI studies are about user needs and (non-functional) requirements, but usually do not discuss the engineering aspects. A few RE papers/researchers are also CHI researchers (e.g. privacy, accessibility, user experience).

## Other Information

### Other Relvant Info

Other relevant information: RE, the IEEE International Requirements Engineering Conference, is the premier scientific venue covering the full spectrum of requirements engineering (incl. elicitation, analysis, specification, modeling, verification, and validation), of requirements management, requirements configuration, prioritization, traceability, as well as related areas such as product management, user feedback, digital design, and quality engineering.

RE conferences bring together every year in a different country around the world several hundreds of researchers, practitioners, educators, and students to present and discuss the most recent research results, innovations, experiences, and concerns in the discipline of requirements engineering and related areas.

RE has a **\*\*unique focus\*\*** and a particular methodological and topic mix. Although many people think RE is a sub-field of Software Engineering, RE covers other types of systems as well, like hardware systems, cyber-physical systems, socio-technical systems, systems of systems, etc. Roughly speaking, about 50-60% of RE researchers would likely consider themselves as SE researchers, about 20-30% as Information Systems researchers, and the others would rather associate themselves with HCI, Systems Engineering, Formal Methods, Design, Process Management, Law, and others. In this unique area, IEEE RE is THE venue to attend, review, and publish top contributions.

RE has an excellent track record and has always been a top influencing, welcoming, and productive community: both for research and practice. Some highly influential scholars like Barry Boehm, John Mylopoulos, Anthony Finkelstein, or Lionel Briand have published some of their best papers at RE. The conference has a sustained community, with up to 450 attendees in the past (~250 on average). The numbers of submissions included in this report refer to full research papers only. If all paper types at the main proceedings are counted, this number gets around 200 each year.

The conference lasts for one week. On Monday and Tuesday, 10-12 workshops, 4-8 tutorials, as well as the doctoral symposium take place (around 20 attendees each). Tutorials and workshop proposals are reviewed yearly by separate committees. The doctoral symposium also has its own co-chairs each year. One industrial day is also usually organized. Wednesday, Thursday, and Friday represent the main conference where full research papers, journal first papers, industry innovation and experience papers, RE@Next papers, panels, as well as posters and demos are presented in 2 to 3 parallel tracks. The conference also features 3 keynotes by internationally renowned scholars and practitioners. For the past five years, RE also hosted "RE Cares", a week-long hackathon where the RE community applies its expertise to social issues and/or philanthropic undertakings, with real projects and stakeholders, in order to show we care and to "do good".

The conference gives each year 1-2 best papers awards (according to the IEEE policy) as well as up to one best industry paper (usually handled by the program co-chairs and industry chairs). A Most Influential Paper Award is also given for one paper from ten years ago and handled by a separate committee. Best Reviewer awards have been given for the past 5 years. Finally, the steering committee also awards each year a Lifetime Service Award to distinguished senior members who served the community in a unique and sustained manner.

This series started as two alternating biennial conference series. One series, in odd years starting in 1993, was the International Symposium on Requirements Engineering (RE). The other series, in even years starting in 1994, was the International Conference on Requirements Engineering (ICRE). The two series merged in 2002 with the holding of the Joint International Requirements Engineering Conference (RE' 02), so named to announce the merger. In 2022 RE celebrated its 30th anniversary.



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N/A

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