



**Submission Data for 2017 CORE conference Re-ranking process
International Conference on Software Testing, Verification and Validation**

Submitted by: Shin Yoo ntrolls@gmail.com

Supported by: Shin Yoo, Gordon Fraser

Conference Details

Conference

Title: International Conference on Software Testing, Verification and Validation
Acronym : ICST
Rank: C

Requested Rank

Requested Rank: A

Recent Years

Most Recent Year

Year: 2017
URL: <http://aster.or.jp/conference/icst2017/>
Papers submitted: 136
Papers published: 36
Acceptance rate: 26
Source for acceptance rate: <http://cs.gmu.edu/icst/previousICSTs.html>

Program Chairs

Name: Ina Schieferdecker Affiliation: Fraunhofer, Germany H index: 22 Google Scholar URL: https://scholar.google.com/citations?user=-WDSZfEAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/s/Schieferdecker:Ina
Name: Hironori Washizaki Affiliation: Waseda University, Japan H index: 17 Google Scholar URL: DBLP URL:

General Chairs

Name: Atif Memon Affiliation: University of Maryland, USA H index: 49 Google Scholar URL: https://scholar.google.com/citations?user=jJPSj0IAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/m/Memon:Atif_M=
Name: Yasuharu Nishi Affiliation: University of Electro-Communication Tokyo, Japan H index: -1 Google Scholar URL: DBLP URL:

Second Most Recent Year

Year: 2016

URL: <https://www.cs.uic.edu/~icst2016/>

Papers submitted: 130

Papers published: 34

Acceptance rate: 26

Source for acceptance rate: <http://cs.gmu.edu/icst/previousICSTs.html>

Program Chairs

Name: Lionel Briand Affiliation: University of Luxembourg, Luxembourg H index: 70 Google Scholar URL: https://scholar.google.com/citations?user=Zj897NoAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/b/Briand:Lionel_C=

Name: Sarfraz Khurshid Affiliation: University of Texas at Austin, USA H index: 39 Google Scholar URL: DBLP URL:
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General Chairs

Name: Mark Grechanik Affiliation: University of Illinois, Chicago, USA H index: 22 Google Scholar URL: https://scholar.google.com/citations?user=Gn5kfF8AAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/g/Grechanik:Mark
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Third Most Recent Year

Year: 2015

URL: <http://icst2015.ist.tu-graz.ac.at>

Papers submitted: 132

Papers published: 32

Acceptance rate: 24

Source for acceptance rate: <http://cs.gmu.edu/icst/previousICSTs.html>

Program Chairs

Name: Gordon Fraser Affiliation: University of Passau, Germany H index: 30 Google Scholar URL: https://scholar.google.com/citations?user=PLp0pawAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/f/Fraser:Gordon
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Name: Darko Marinov Affiliation: University of Illinois, USA H index: 35 Google Scholar URL: DBLP URL:
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General Chairs

Name: Franz Wotawa Affiliation: University of Graz, Austria H index: 30 Google Scholar URL: https://scholar.google.com/citations?user=Z27gH2wAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/w/Wotawa:Franz

External Ranks

Google Scholar Rank

Sub-category URL: https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_software&systems

Position in sub-category: 19

h5-index of 20th item in subcategory: 29

h5-index of this conference: 29

Next conference above portal link: <http://portal.core.edu.au/conf-ranks/676/>

h5-index of above conference: 29

Next conference below portal link: <http://portal.core.edu.au/conf-ranks/676/>

h5-index of below conference: 29

LiveSHINE rank

Class: A-
H-index: 43
RankH-index: 229
Avg citations: 16
RankAvgCitations: 255
ClassAvgCitations: A-
Publications: 520
Citations: 8506

Microsoft Academic rank

Class: B
FiledRating: 40
RankFieldRating: 366
ClassFieldRating: B
Avg citations: 6
RankAvgCitations: 651
ClassAvgCitations: other
Publications: 1855
Citations: 11240

Where others publish

General Report

File: http://portal.core.edu.au/core/media/conf_rank_report/others-general_xlG3FRF.txt

List of people with h-indices:

No.	Name	h index	url
1	Lionel C. Briand	70	https://scholar.google.com/citations?user=Zj897NoAAAAJ
2	Mark Harman	67	https://scholar.google.com/citations?user=IwSN8IgAAAAJ
3	Jeff Offutt	59	https://scholar.google.com/citations?user=fAeRp3kAAAAJ
4	Andreas Zeller	52	https://scholar.google.com/citations?user=-Qytr_YAAAAJ
5	Elaine J. Weyuker	49	https://scholar.google.com/citations?user=xXjQoLIAAAAJ
6	Giuliano Antoniol	53	https://scholar.google.com/citations?user=136elhQAAAAJ
7	Atif Memon	49	https://scholar.google.com/citations?user=jJPSj0IAAAAAJ
8	Tao Xie	55	https://scholar.google.com/citations?user=DhhH9J4AAAAJ
9	Andrea De Lucia	50	https://scholar.google.com/citations?user=iyxOu6kAAAAJ
10	Paolo Tonella	48	https://scholar.google.com/citations?user=6n3gAUMAAAAJ
11	Bertrand Meyer	51	https://scholar.google.com/citations?user=W8n0gCwAAAAJ
12	David Lorge Parnas	60	https://scholar.google.com/citations?user=t8GD0iMAAAAAJ
13	Barbara A. Kitchenham	65	https://scholar.google.com/citations?user=CQD0m2gAAAAJ
14	Mary Shaw	52	https://scholar.google.com/citations?user=CTXo01IAAAAAJ
15	Jeff Kramer	65	https://scholar.google.com/citations?user=t-fudjMAAAAAJ
16	Gregg Rothermel	67	https://scholar.google.com/citations?user=7XjL07wAAAAJ
17	Michael D. Ernst	54	https://scholar.google.com/citations?user=oQ6AeyEAAAAJ
18	Claes Wohlin	53	https://scholar.google.com/citations?user=gGLdjasAAAAJ
19	Anthony Finkelstein	58	https://scholar.google.com/citations?user=n8xuCVkAAAAJ
20	Gail C. Murphy	55	https://scholar.google.com/citations?user=EGA1deoAAAAJ

Keyword: software engineering

Reference Item:

3. International Conference on Software Testing, Verification, and Validation

This conference was published at 78 times by 11 of 20 experts in the last 10 years.

The experts that publish at this conference are: Lionel C. Briand(8), Giuliano Antoniol(2), Bertrand Meyer(3), Elaine J. Weyuker(2), Jeff Offutt(23), Andrea De Lucia(1), Andreas Zeller(9), Mark Harman(12), Paolo Tonella(10), Tao Xie(4), Gregg Rothermel(6)

In 2008, there were 6 publications by 4 experts: Bertrand Meyer, Mark Harman, Jeff Offutt, Paolo Tonella
In 2009, there were 7 publications by 6 experts: Andreas Zeller, Giuliano Antoniol, Bertrand Meyer, Mark Harman, Jeff Offutt, Tao Xie

In 2010, there were 10 publications by 7 experts: Lionel C. Briand, Elaine J. Weyuker, Andreas Zeller, Mark Harman, Jeff Offutt, Tao Xie, Bertrand Meyer

In 2011, there were 15 publications by 8 experts: Lionel C. Briand, Giuliano Antoniol, Elaine J. Weyuker, Andreas Zeller, Mark Harman, Jeff Offutt, Paolo Tonella, Gregg Rothermel

In 2012, there were 9 publications by 6 experts: Lionel C. Briand, Mark Harman, Jeff Offutt, Paolo Tonella, Tao Xie, Gregg Rothermel

In 2013, there were 9 publications by 5 experts: Lionel C. Briand, Andrea De Lucia, Andreas Zeller, Jeff Offutt, Gregg Rothermel

In 2014, there were 10 publications by 4 experts: Gregg Rothermel, Andreas Zeller, Jeff Offutt, Paolo Tonella

In 2015, there were 12 publications by 4 experts: Lionel C. Briand, Mark Harman, Jeff Offutt, Paolo Tonella

11 out of the 20 experts published at this conference in 1 or more years

10 out of the 20 experts published at this conference in 2 or more years

8 out of the 20 experts published at this conference in 3 or more years

6 out of the 20 experts published at this conference in 4 or more years

5 out of the 20 experts published at this conference in 5 or more years

2 out of the 20 experts published at this conference in 6 or more years

1 out of the 20 experts published at this conference in 8 or more years

Specialised Report

File: http://portal.core.edu.au/core/media/conf_rank_report/others-specialised_lFuFmT1.txt

List of people with h-indices:

No.	Name	h index	url
1	Lionel C. Briand	70	https://scholar.google.com/citations?user=Zj897NoAAAAJ
2	Mark Harman	67	https://scholar.google.com/citations?user=IwSN8IgAAAAJ
3	Jeff Offutt	59	https://scholar.google.com/citations?user=fAeRp3kAAAAJ
4	Andreas Zeller	52	https://scholar.google.com/citations?user=-Qytr_YAAAAJ
5	Elaine J. Weyuker	49	https://scholar.google.com/citations?user=xXjQoLIAAAAJ
6	Giuliano Antoniol	53	https://scholar.google.com/citations?user=136elhQAAAAJ
7	Paul Pettersson	40	https://scholar.google.com/citations?user=vyDB-GoAAAAJ
8	Tao Xie	55	https://scholar.google.com/citations?user=DhhH9J4AAAAJ
9	Andrea De Lucia	50	https://scholar.google.com/citations?user=iyx0u6kAAAAJ
10	Paolo Tonella	48	https://scholar.google.com/citations?user=6n3gAUMAAAAJ
11	Yves Le Traon	43	https://scholar.google.com/citations?user=DmGlmNEAAAAJ
12	Gregg Rothermel	67	https://scholar.google.com/citations?user=7XjL07wAAAAJ
13	Atif Memon	49	https://scholar.google.com/citations?user=jJPSj0IAAAAAJ
14	Rance Cleaveland	43	https://scholar.google.com/citations?user=EetL2HQAAAAJ
15	Tsong Yueh Chen	43	https://scholar.google.com/citations?user=usJzGjUAAAAJ
16	Yvan Labiche	43	https://scholar.google.com/citations?user=YaZpm7h6qnwC
17	Benoit Baudry	40	https://scholar.google.com/citations?user=oP4UxPkAAAAJ
18	David Binkley	43	https://scholar.google.com/citations?user=wY56fjQAAAAJ
19	Alessandro Orso	48	https://scholar.google.com/citations?user=wCfYkMkAAAAJ
20	Mary Lou Soffa	51	https://scholar.google.com/citations?user=KWiJaj8AAAAJ

Keyword: software testing

Reference Item:

3. International Conference on Software Testing, Verification, and Validation

This conference was published at 113 times by 15 of 20 experts in the last 10 years.

The experts that publish at this conference are: Lionel C. Briand(8), Giuliano Antoniol(2), Alessandro Orso(11), Elaine J. Weyuker(2), Jeff Offutt(23), Yves Le Traon(21), Yvan Labiche(2), Andrea De Lucia(1), Andreas Zeller(9), Mark Harman(12), Paolo Tonella(10), Paul Pettersson(3), Tao Xie(4), Gregg Rothermel(6), Benoit Baudry(15)

In 2008, there were 11 publications by 6 experts: Mark Harman, Jeff Offutt, Paolo Tonella, Paul Pettersson, Yves Le Traon, Benoit Baudry

In 2009, there were 11 publications by 8 experts: Giuliano Antoniol, Alessandro Orso, Andreas Zeller, Mark Harman, Jeff Offutt, Tao Xie, Yves Le Traon, Benoit Baudry

In 2010, there were 12 publications by 9 experts: Lionel C. Briand, Alessandro Orso, Jeff Offutt, Yves Le Traon, Elaine J. Weyuker, Andreas Zeller, Mark Harman, Tao Xie, Benoit Baudry

In 2011, there were 20 publications by 11 experts: Lionel C. Briand, Giuliano Antoniol, Alessandro Orso, Jeff Offutt, Yves Le Traon, Elaine J. Weyuker, Andreas Zeller, Mark Harman, Paolo Tonella, Gregg Rothermel, Benoit Baudry

In 2012, there were 16 publications by 9 experts: Lionel C. Briand, Alessandro Orso, Gregg Rothermel, Mark Harman, Jeff Offutt, Paolo Tonella, Tao Xie, Yves Le Traon, Benoit Baudry

In 2013, there were 13 publications by 9 experts: Lionel C. Briand, Yves Le Traon, Alessandro Orso, Andrea De Lucia, Yvan Labiche, Jeff Offutt, Paul Pettersson, Andreas Zeller, Gregg Rothermel

In 2014, there were 14 publications by 6 experts: Alessandro Orso, Gregg Rothermel, Andreas Zeller, Jeff Offutt, Paolo Tonella, Yves Le Traon

In 2015, there were 16 publications by 7 experts: Lionel C. Briand, Mark Harman, Jeff Offutt, Paolo Tonella, Paul Pettersson, Yves Le Traon, Benoit Baudry

15 out of the 20 experts published at this conference in 1 or more years

13 out of the 20 experts published at this conference in 2 or more years

11 out of the 20 experts published at this conference in 3 or more years

9 out of the 20 experts published at this conference in 4 or more years

8 out of the 20 experts published at this conference in 5 or more years

5 out of the 20 experts published at this conference in 6 or more years

2 out of the 20 experts published at this conference in 8 or more years

Comparator Conferences

International Symposium on Software Testing and Analysis

IEEE International Conference on Software Maintenance and Evolution (prior to 2014 was ICSM, IEEE International Conference on Software Maintenance)

Other Information

Proposers

First name: Shin

Last name: Yoo

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Email: shin.yoo@kaist.ac.kr

First name: Gordon

Last name: Fraser

Affiliation: University of Passau

Email: gordon.fraser@sheffield.ac.uk

Attachments

http://portal.core.edu.au/core/media/request_attachment/icst-core-argument.pdf

Summary Argument:

ICST is a premium conference that attracts not only a large number of attendees but also papers from the leading researchers in the field of software testing. It has comparable bibliographic metrics to other CORE A rank comparator conferences (ISSTA and ICSME) but is currently ranked C. It is consistently ranked higher than ISSTA (a conference in the same field) and ICSME (a conference in a highly relevant field) in both general and specialised reports in our submission. Please see our attached document for detailed arguments.

Additional Notes

Gordon Fraser is in the process of relocating from University of Sheffield, UK, to University of Passau, Germany, hence the old email address.