



**Submission Data for 2020-2021 CORE conference Ranking process  
International Conference on the Quality of Information and Communications Technology**

Fernando Brito e Abreu

**Conference Details**

**Conference**

Title: International Conference on the Quality of Information and Communications Technology  
Acronym : QUATIC  
Rank: C

**Requested Rank**

Rank: B

**Recent Years**

**Proceedings Publishing Style**

Proceedings Publishing: series  
Link to most recent proceedings: <https://doi.org/10.1007/978-3-030-58793-2>  
Further details: Quality of Information and Communications Technology, Conference proceedings QUATIC 2020, Part of the Communications in Computer and Information Science book series (CCIS, volume 1266)

**Most Recent Years**

**Most Recent Year**

Year: 2019  
URL: <https://2019.quatic.org>  
Location: Ciudad Real, Spain  
Papers submitted: 66  
Papers published: 19  
Acceptance rate: 29  
Source for numbers: <https://link.springer.com/book/10.1007/978-3-030-29238-6>

**General Chairs**

Name: Ignacio Garca Rodrnguez de Guzmn Affiliation: University of Castilla-La Mancha, Spain Gender: M H Index: 22 GScholar url: <a href="https://scholar.google.com/citations?user=OJ-MGWwAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=OJ-MGWwAAAAJ&amp;hl=en&amp;oi=ao</a> DBLP url: <a href="https://dblp.org/pid/85/4796.html">https://dblp.org/pid/85/4796.html</a>
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Name: Ricardo Prez del Castillo Affiliation: University of Castilla-La Mancha, Spain Gender: M H Index: 17 GScholar url: <a href="https://scholar.google.com/citations?user=pZTMxq8AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=pZTMxq8AAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/90/3794.html">https://dblp.org/pid/90/3794.html</a>
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**Program Chairs**

<p>Name: Mario Piattini Velthuis  Affiliation: University of Castilla-La Mancha, Spain  Gender: M  H Index: 70  GScholar url: <a href="https://scholar.google.com/citations?user=M91TyJcAAAAJ&amp;hl=en&amp;oi=sra">https://scholar.google.com/citations?user=M91TyJcAAAAJ&amp;hl=en&amp;oi=sra</a>  DBLP url: <a href="https://dblp.org/pid/p/MPiattini.html">https://dblp.org/pid/p/MPiattini.html</a></p>
<p>Name: Paulo Rupino da Cunha  Affiliation: University of Coimbra, Portugal  Gender: M  H Index: 14  GScholar url: <a href="https://scholar.google.com/citations?user=W5CIn6QAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=W5CIn6QAAAAJ&amp;hl=en&amp;oi=ao</a>  DBLP url: <a href="https://dblp.org/pid/85/6616.html">https://dblp.org/pid/85/6616.html</a></p>

### Second Most Recent Year

Year: 2018  
URL: <http://2018.quatic.org>  
Location: Coimbra, Portugal  
Papers submitted: 75  
Papers published: 27  
Acceptance rate: 36  
Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8590158>

### General Chairs

<p>Name: Paulo Rupino da Cunha, University of Coimbra  Affiliation: University of Coimbra, Portugal  Gender: M  H Index: 14  GScholar url: <a href="https://scholar.google.com/citations?user=W5CIn6QAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=W5CIn6QAAAAJ&amp;hl=en&amp;oi=ao</a>  DBLP url: <a href="https://dblp.org/pid/85/6616.html">https://dblp.org/pid/85/6616.html</a></p>
<p>Name: Marco Vieira  Affiliation: University of Coimbra, Portugal  Gender: M  H Index: 31  GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=l3cF0LoAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=l3cF0LoAAAAJ</a>  DBLP url: <a href="https://dblp.org/pid/14/6260.html">https://dblp.org/pid/14/6260.html</a></p>

### Program Chairs

<p>Name: Antonia Bertolino  Affiliation: Consiglio Nazionale delle Ricerche (CNR), Italy  Gender: F  H Index: 41  GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=i5To0fcAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=i5To0fcAAAAJ</a>  DBLP url: <a href="https://dblp.org/pid/03/3919.html">https://dblp.org/pid/03/3919.html</a></p>
<p>Name: Vasco Amaral  Affiliation: Faculdade de Ciências e Tecnologia/Universidade Nova de Lisboa, Portugal  Gender: M  H Index: 25  GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=p6lbgBAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=p6lbgBAAAAAJ</a>  DBLP url: <a href="https://dblp.org/pid/44/2600.html">https://dblp.org/pid/44/2600.html</a></p>

### Third Most Recent Year

Year: 2016  
URL: <http://2016.quatic.org>  
Location: Lisbon, Portugal  
Papers submitted: 72  
Papers published: 7  
Acceptance rate: 10  
Source for numbers: <https://ieeexplore.ieee.org/document/7814504>

### General Chairs

Name: Vasco Amaral Affiliation: Faculdade de Ci�ncias e Tecnologia/Universidade Nova de Lisboa, Portugal Gender: M H Index: 25 GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=p6lbgbAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=p6lbgbAAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/44/2600.html">https://dblp.org/pid/44/2600.html</a>
Name: Miguel Goul�o Affiliation: Faculdade de Ci�ncias e Tecnologia/Universidade Nova de Lisboa, Portugal Gender: M H Index: 20 GScholar url: <a href="https://scholar.google.com/citations?user=yBhrrXwAAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=yBhrrXwAAAAAJ&amp;hl=en&amp;oi=ao</a> DBLP url: <a href="https://dblp.org/pid/00/6302.html">https://dblp.org/pid/00/6302.html</a>

### Program Chairs

Name: Mark Paulk Affiliation: University of Texas in Dallas, United States of America Gender: M H Index: 25 GScholar url: <a href="https://scholar.google.com/scholar?hl=en&amp;as_sdt=0%2C5&amp;q=Mark+Paulk&amp;btnG=">https://scholar.google.com/scholar?hl=en&amp;as_sdt=0%2C5&amp;q=Mark+Paulk&amp;btnG=</a> DBLP url: <a href="https://dblp.org/pid/56/4780.html">https://dblp.org/pid/56/4780.html</a>
Name: Ricardo J. Machado Affiliation: Universidade do Minho, Portugal Gender: M H Index: 23 GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=B5o2fegAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=B5o2fegAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/m/RJMachado.html">https://dblp.org/pid/m/RJMachado.html</a>

### Policies

Chair Selection: The Program Chair is an invited prominent researcher in the area.

The Program co-chair is usually an Organizing Chair from a previous edition.

The General/Organizing chairs are chosen within the hosting university.

Policy name: QUATIC's Code of Ethical Conduct

Policy url: <https://www.quatic.org/ethics>

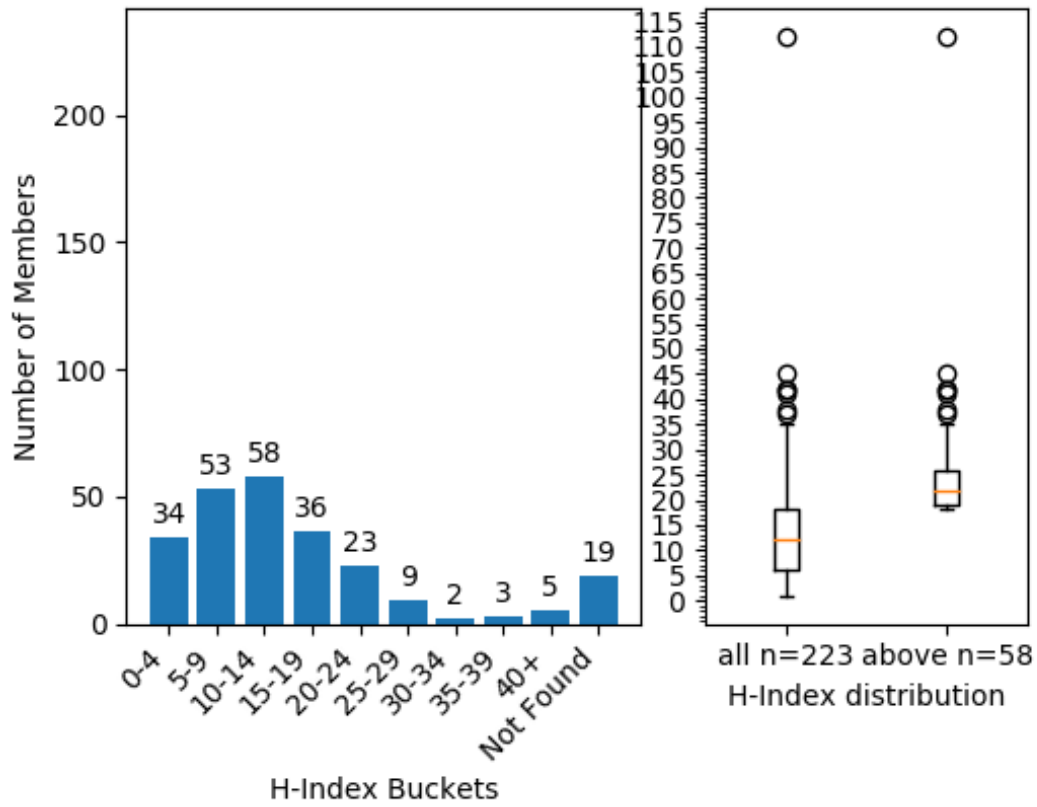
### (Senior) Program Committee

Link to (s)pc: <https://2020.quatic.org/committees>

File: [http://portal.core.edu.au/core/media/conf\\_submissions\\_spc\\_file/pcmembers\\_quatic\\_1920\\_0fngVNW.csv](http://portal.core.edu.au/core/media/conf_submissions_spc_file/pcmembers_quatic_1920_0fngVNW.csv)

H-index plot: [http://portal.core.edu.au/core/media/conf\\_submissions\\_hindex\\_plots/hindex\\_buckets\\_1314.png](http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1314.png)

Information Contained within this graph is derived using the Elsevier Scopus Database 2021.



## Data and Metrics

### Google Scholar Metrics

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

Position in sub-category: 20+

Image of top 20: [http://portal.core.edu.au/core/media/changes\\_h5/higherrank1314\\_gscholar\\_minh5.png](http://portal.core.edu.au/core/media/changes_h5/higherrank1314_gscholar_minh5.png)

	Publication	<a href="#">h5-index</a>	<a href="#">h5-median</a>
1.	ACM/IEEE International Conference on Software Engineering	<a href="#">74</a>	111
2.	Journal of Systems and Software	<a href="#">61</a>	90
3.	Information and Software Technology	<a href="#">59</a>	90
4.	ACM SIGSOFT International Symposium on Foundations of Software Engineering	<a href="#">53</a>	78
5.	Empirical Software Engineering	<a href="#">53</a>	75
6.	IEEE Transactions on Software Engineering	<a href="#">52</a>	77
7.	ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL)	<a href="#">48</a>	76
8.	ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI)	<a href="#">46</a>	78
9.	IEEE/ACM International Conference on Automated Software Engineering (ASE)	<a href="#">45</a>	75
10.	IEEE Software	<a href="#">44</a>	90
11.	Symposium on Operating Systems Principles	<a href="#">42</a>	77
12.	Software & Systems Modeling	<a href="#">41</a>	55
13.	Mining Software Repositories	<a href="#">40</a>	52
14.	International Conference on Software Analysis, Evolution, and Reengineering (SANER)	<a href="#">40</a>	48
15.	International Symposium on Software Testing and Analysis	<a href="#">36</a>	61
16.	International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS)	<a href="#">33</a>	54
17.	IEEE International Conference on Software Maintenance and Evolution	<a href="#">33</a>	46
18.	Proceedings of the ACM on Programming Languages	<a href="#">31</a>	46
19.	Software: Practice and Experience	<a href="#">30</a>	36
20.	ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA)	<a href="#">29</a>	44

*Dates and citation counts are estimated and are determined automatically by a computer program.*

h5-index for this conference: 8

### ACM Metrics

Not Sponsored by ACM

### Aminer Rank

Not Listed in Aminer

### Other Rankings

URL: <https://qualis.ic.ufmt.br/>

Description: Qualis is a Brazilian official system with the purpose of classifying scientific production. It is maintained by the "Coordenadoria de Aperfeiçoamento de Pessoal de Nível Superior" (CAPES), a government agency linked to the Brazilian Ministry of Education. The QUALIS Conference Ranking is sponsored by CAPES (Brazilian Federal Agency for the Improvement of Higher Education).

Rank: B2

Conferences in area: International Conference on Software Quality, Reliability and Security (QRS)  
 International Working Conference on Requirements Engineering: Foundation for Software Quality (REFSQ)  
 International Workshop on Quality of Service (IWQoS)  
 International Conference on the Quality of Information and Communications Technology (QUATIC)  
 Conference on the Quality of Software Architectures (QoSA)  
 Product Focused Software Process Improvement (PROFES)  
 Evaluation of Novel Approaches to Software Engineering (ENASE)  
 Conference on European System & Software Process Improvement and Innovation (EuroSPI)  
 International Workshop on Software Quality (WoSQ)

## Top People Publishing Here

name: Mario Piattini

justification: h-index:70 citations: 21521 <https://scholar.google.com/citations?hl=en&user=M91TyJcAAAAJ> Did not publish in 2019 because he was the chair

Paper counts:

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

Attendance: OFTEN

name: Antonio Vallecillo

justification: h-index:42 citations: 5526 <https://scholar.google.com/citations?hl=en&user=yijLskAAAAJ>

Paper counts:

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

Attendance: SOMETIMES

name: Antonia Bertolino

justification: h-index:41 citation: 6968 <https://scholar.google.com/citations?hl=en&user=i5To0fcAAAAJ>

Paper counts:

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

Attendance: OFTEN

name: Alexander Chatzigeorgiou

justification: citation:4248 h-index:31 <https://scholar.google.com/citations?hl=en&user=D4ixXl8AAAAJ>

Paper counts:

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

Attendance: OFTEN

name: Felix Garcia

justification: h-index:40 citation:5702 [https://scholar.google.com/citations?hl=en&user=D\\_mNbL0AAAAJ](https://scholar.google.com/citations?hl=en&user=D_mNbL0AAAAJ)

Paper counts:

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

Attendance: SOMETIMES

name: Filippo Ricca

justification: h-index:40 citations: 5534 <https://scholar.google.com/citations?hl=en&user=FjWyBXsAAAAJ>

Paper counts:

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

Attendance: ALWAYS

name: Ioannis Stamelos

justification: h-index:38 citations: 5116 <https://scholar.google.com/citations?hl=en&user=qs7KS4EAAAAJ>

Paper counts:

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

Attendance: SOMETIMES

name: Alberto Rodrigues da Silva

justification: h-index:27 citations: 3312 <https://scholar.google.pt/citations?hl=en&user=NjZqNwEAAAAJ>

Paper counts:

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

Attendance: OFTEN

name: A. Fantechi

justification: h-index:32 citations:3623 <https://scholar.google.com/citations?hl=en&user=pCgQvJgAAAAJ>

Paper counts:

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

Attendance: SOMETIMES

name: Rory V. O'Connor

justification: h-index:37 citations:5153 [https://scholar.google.com/citations?hl=en&user=SdKht\\_IAAAAAJ](https://scholar.google.com/citations?hl=en&user=SdKht_IAAAAAJ)

Paper counts:

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

Attendance: SOMETIMES

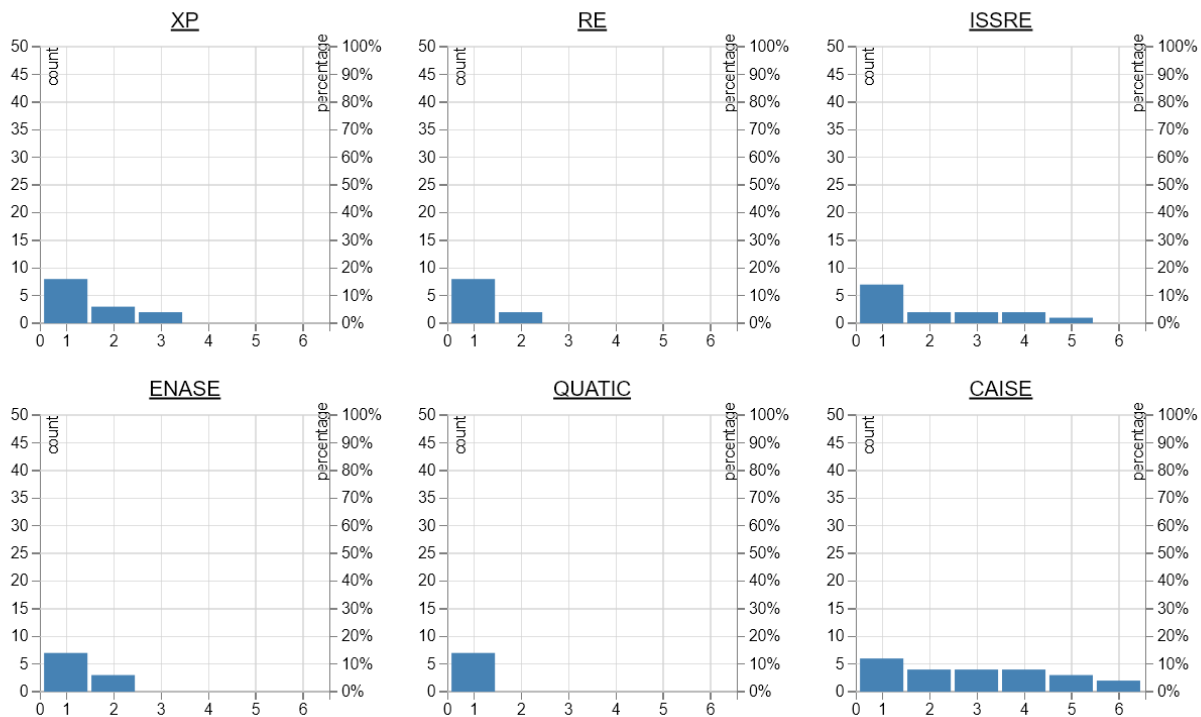
## Where People Publish

## Top (Senior) Program Committee Members

Generated Report Name: conf\_submissions\_top\_spc/higherrank1314\_top\_spc.csv

WPP Report: [http://portal.core.edu.au/core/media/conf\\_rank\\_report/higherrank1314\\_spc\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/higherrank1314_spc_report.txt)

Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/higherrank1314\\_spc\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1314_spc_graph.png)



Reference item: \\ 17. Quality of Information and Communications Technology (QUATIC)

-----  
This conference was published at 6 times by 7 of 50 experts in the last 5 years.

The experts that publish at this conference are: Antonio Vallecillo(1), Geert Poels(1), Antonia Bertolino(1), Mario Piattini(1), Alexander Chatzigeorgiou(1), Danilo Caivano(1), Flix Garca 0001(1)

In 2016, there were 1 publications by 1 experts: Antonio Vallecillo

In 2018, there were 2 publications by 2 experts: Mario Piattini, Alexander Chatzigeorgiou

In 2019, there were 3 publications by 4 experts: Danilo Caivano, Geert Poels, Flix Garca 0001, Antonia Bertolino

7 out of the 50 experts published at this conference in 1 or more years

## Top People Report

Not providing Top People Report

## Other Information

### Comparator Comparison

#### Comparator

Product Focused Software Process Improvement

Explanation as to why conference is superior to comparator:

NEGATIVE ASPECTS COMPARING TO QUATIC:

1) According to the report produced by the WPP tool ([portal.core.edu.au/core-tools/wpp](http://portal.core.edu.au/core-tools/wpp)), the second major publishing venue for 72, 7% of PC members included in the accepted sample by WPP is the PROFES conference itself. This may be an indicator of undesirable inbreeding in the scientific review process. The relevant extract from the WPP report is reproduced below:

2. International Conference on Product Focused Software Process Improvement (PROFES)

-----  
This conference was published at 34 times by 8 of 11 experts in the last 5 years.

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_1314\\_887.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1314_887.pdf)

## Comparator

International Conference on Evaluation of Novel Approaches to Software Engineering

Explanation as to why conference is superior to comparator:

NEGATIVE ASPECTS COMPARING TO QUATIC:

I) According to the report produced by the WPP tool ([portal.core.edu.au/core-tools/wpp](http://portal.core.edu.au/core-tools/wpp)), the second major publishing venue for 33, 3% of PC members included in the accepted sample by WPP is the ENASE conference itself. This may be an indicator of undesirable inbreeding in the scientific review process. The relevant extract from the WPP report is reproduced below:

2. International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE)

-----  
This conference was published at 12 times by 7 of 21 experts in the last 5 years.

II) To promote the diversity required for scientific excellence, it is important for conferences to vote for and rotate the decision-makers.

The ENASE Conference Chair for the last 5 editions (including 2021) is the same:

<http://www.enase.org/EventChairs.aspx> <http://www.enase.org/EventChairs.aspx?y=2020>

<http://www.enase.org/EventChairs.aspx?y=2019> <http://www.enase.org/EventChairs.aspx?y=2018>

<http://www.enase.org/EventChairs.aspx?y=2017>

III) A non-full-paper (aka short paper) generally has a smaller scope and/or contribution or corresponds to preliminary research work.

Sometimes originated from a full-paper at the low end of acceptance that was invited for resubmission as a short version. Due to these issues, major publishers often restrict the number of short papers in conference proceedings. For instance, Springer policy in LNCS and similar venues is not accepting a number of short-papers exceeding 1/3 the number of full-papers.

ENASE proceedings are published online by Scitepress, the electronic library owned by ENASE's promoters (INSTICC). The acceptance rate of short papers has been increasing in the last 3 editions:

2019 proceedings - (68-19) of 102 submitted papers (48.0%) 2018 proceedings - (54-22) of 95 submitted papers (33.6%) 2017

proceedings - (40-20) of 101 submitted papers (19.8%)

The acceptance rate non non-full papers in ENASE (2019) is  $(68-19)/102 = 48\%$

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_1314\\_939.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1314_939.pdf)

## Comparator

European SPI

Explanation as to why conference is superior to comparator:

NEGATIVE ASPECTS COMPARING TO QUATIC:

I) According to the report produced by the WPP tool ([portal.core.edu.au/core-tools/wpp](http://portal.core.edu.au/core-tools/wpp)), the first publishing venue for 50% of PC members included in the accepted sample by WPP is the EuroSPI conference itself. This may be an indicator of undesirable inbreeding in the scientific review process. The relevant extract from the WPP report is reproduced below:

1. European Conference on Software Process Improvement (EuroSPI) -----

This conference was published at 10 times by 3 of 6 experts in the last 5 years.

II) To promote the diversity required for scientific excellence, it is important for conferences to vote for and rotate the decision-makers.

For EuroSPI, the General Chairmen team, including the Scientific (Program) Chair has been the same for the last 4 editions:

<https://2021.eurospi.net/index.php/about/programme-committee>

<https://2020.eurospi.net/index.php/about/programme-committee>

<https://2019.eurospi.net/index.php/about/programme-committee>

<https://2018.eurospi.net/index.php/about/programme-committee>

III) EuroSPI acceptance rates are high and has been increasing in the last 3 editions:

2019 - 64% 2018 - 59% 2017 - 58%

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_1314\\_964.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1314_964.pdf)

## Other Relevant Info

Other relevant information: Please read the included file.

## Attachments

[http://portal.core.edu.au/core/media/request\\_attachment/CORErankChangeRequest2020\\_nfQ4f9M.pdf](http://portal.core.edu.au/core/media/request_attachment/CORErankChangeRequest2020_nfQ4f9M.pdf)

## Proposers

First name: Fernando

Last name: Brito e Abreu

Affiliation: ISCTE-UL

Email: [fba@iscte-iul.pt](mailto:fba@iscte-iul.pt)

## Submitted By

Name: Brito e Abreu Fernando

Email: [fba@iscte-iul.pt](mailto:fba@iscte-iul.pt)