

## Submission Data for 2020-2021 CORE conference Ranking process European SPI

Richard Messnarz, Ricardo Colomo Palacios, Paul Clarke, Murat Yilmaz

## **Conference Details**

## Conference

Title: European SPI Acronym : EuroSPI Rank: B

## **Requested Rank**

Rank: A

### **Recent Years**

## **Proceedings Publishing Style**

### Proceedings Publishing: series

Link to most recent proceedings: https://link.springer.com/book/10.1007/978-3-030-56441-4

Further details: We have the SPRINGER book series for main proceedings. We have an annual Journal published by WILEY since 2003. This journal is highly selective, which means from 100 submissions only 5-10 are selected per year.

https://onlinelibrary.wiley.com/doi/10.1002/smr.2237 Wiley papers are published approx. 1 year after each conference. The SPRINGER book from 2018 won a SPRINGER award since we have extremely high downoad figures, 2017 book 131000 chapter downloads and 2018 book 71000 chapter downloads. https://link.springer.com/book/10.1007/978-3-319-97925-0 https://link.springer.com/book/10.1007/978-3-319-64218-5 Attention: Whole the acceptance rate of the main book is higher, the acceptance rate of the annual WILEY Journal is only about 7 to 10 percent! In the form below we always enter the main book which gives probably the image of a higher acceptance rate understanding. — Our h5-index = 12, see https://scholar.google.com/citations?hl=en&view\_op=search\_venues&vq=EuroSPI&btnG=

## **Most Recent Years**

## Most Recent Year

Year: 2019 URL: https://2019.eurospi.net Location: Edinburgh, UK Papers submitted: 110 Papers published: 59 Acceptance rate: 54 Source for numbers: https://link.springer.com/book/10.1007/978-3-030-28005-5

## **General Chairs**

Name: Dr Richard Messnarz
Affiliation: ISCN GesmbH, Austria
Gender: M
H Index: 21
GScholar url: https://scholar.google.com/citations?hl=de&user=v2xVlnwAAAAJ
DBLP url: https://scholar.google.com/citations?hl=de&user=v2xVlnwAAAAJ
Name: Prof. Dr Ricardo Colomo Palacios
Affiliation: Ostfold University College, Norway
Gender: M
H Index: 45
GScholar url: https://scholar.google.com/citations?hl=de&user=CpqizXUAAAAJ
DBLP url: https://scholar.google.com/citations?hl=de&user=CpqizXUAAAAJ

## **Program Chairs**

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DBLP url: https://scholar.google.com/citations?hl=de&user=CpqizXUAAAAJ
Name: Prof. Paul Clarke
Affiliation: Dublin City University, Ireland
Gender: M
H Index: 20
GScholar url: https://scholar.google.com/citations?user=gZ4MTA8AAAAJ&hl=de&oi=ao
DBLP url: https://scholar.google.com/citations?user=gZ4MTA8AAAAJ&hl=de&oi=ao
Name: Prof. Murat Yilmaz
Affiliation: Dublin City University, Ireland
Gender: M
H Index: 16
GScholar url: https://scholar.google.com/citations?user=S7J_GYAAAAAJ&hl=de&oi=ao
DBLP url: https://scholar.google.com/citations?user=S7J_GYAAAAAJ&hl=de&oi=ao
Name: Prof. Antonia Mas
Affiliation: University of the Balearic Islands, Spain
Gender: F
H Index: 15
GScholar url: https://scholar.google.com/citations?user=-BvbLQYAAAAJ&hl=de&oi=ao
DBLP url: https://scholar.google.com/citations?user=-BvbLQYAAAAJ&hl=de&oi=ao
Name: Dr Mirna Munoz
Affiliation: Unidad Zactecas, Mexico
Gender: F
H Index: 13
GScholar url: https://scholar.google.com/citations?user=EifxVXAAAAAJ&hl=de&oi=ao
DBLP url: https://scholar.google.com/citations?user=EifxVXAAAAAJ&hl=de&oi=ao
Name: Prof. Andreas Riel
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Name: Dr Georg Macher
Affiliation: University of Technology Graz, Austria
Gender: M
H Index: 12
GScholar url: https://scholar.google.com/citations?user=K8gmSNIAAAAJ&hl=de&oi=ao
DBLP url: https://scholar.google.com/citations?user=K8gmSNIAAAAJ&hl=de&oi=ao
Name: Gabriele Sauberer
Affiliation: International Terminology Network, Austria
Gender: F
H Index: 13
GScholar url: https://scholar.google.com/citations?user=9IY52I4AAAAJ&hl=de&oi=ao
DBLP url: https://scholar.google.com/citations?user=9IY52I4AAAAJ&hl=de&oi=ao
Second Most Recent Vear

## Second Most Recent Year

Year: 2018 URL: https://2018.eurospi.net/ Location: Bilbao, Spain Papers submitted: 110 Papers published: 55 Acceptance rate: 50 Source for numbers: https://link.springer.com/book/10.1007/978-3-319-97925-0

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Name: Prof. Dr Rory O Connor
Affiliation: Dublin City University, Ireland
Gender: M
H Index: 36
GScholar url: https://scholar.google.com/citations?user=SdKht_IAAAAJ&hl=de&oi=ao
DBLP url: https://scholar.google.com/citations?user=SdKht_IAAAAJ&hl=de&oi=ao
Name: Xabier Larrucea
Affiliation: Tecnalia, Spain
Gender: M
H Index: 14
GScholar url: https://scholar.google.com/citations?user=7c3ZEtwAAAAJ&hl=de&oi=ao
DBLP url: https://scholar.google.com/citations?user=7c3ZEtwAAAAJ&hl=de&oi=ao

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Third Most Popont Your					

## **Third Most Recent Year**

Year: 2017 URL: https://2017.eurospi.net/ Location: Ostrava, Czech Republic Papers submitted: 110 Papers published: 56 Acceptance rate: 51 Source for numbers: https://link.springer.com/book/10.1007/978-3-319-64218-5

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## Policies

Chair Selection: We organize the conference in thematic topics. Per thematic topic we propose industry and research representatives. The conference board has to agree. In industry the person must be from leading company. In research the person should be moderator of a community in this area. We support so called Blueprint Research projects of the European Union (e.g. ALBATTS - new battery systems strategy EU wide in collaborate training and research, e.g. DRIVES - new job roles and qualification strategies for 2030 in automotive) whee the EU representatives also become part of the chairs of such a thematic topic. Policy name: We have an annual diversity and ethics workshop as an integral part of the conference since 2009..

Policy url: https://2020.eurospi.net/index.php/workshop?id=80

## (Senior) Program Committee

## Link to (s)pc: https://2020.eurospi.net/index.php/community

File: http://portal.core.edu.au/core/media/conf\_submissions\_spc\_file/eurospi-spc-list-v11.txt

H-index plot: http://portal.core.edu.au/core/media/conf\_submissions\_hindex\_plots/higherrank\_hindex\_buckets\_1105.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\_qualityreliability Position in sub-category: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes\_h5/higherrank1105\_gscholar\_minh5.png

#### Categories > Engineering & Computer Science > Quality & Reliability -

	Publication	<u>h5-index</u>	<u>h5-median</u>
1.	Safety Science	<u>67</u>	89
2.	Reliability Engineering & System Safety	<u>66</u>	86
3.	Risk Analysis	<u>43</u>	59
4.	IEEE Transactions on Reliability	<u>39</u>	54
5.	Total Quality Management & Business Excellence	<u>39</u>	48
6.	Structural Safety	<u>34</u>	47
7.	International Journal of Quality & Reliability Management	<u>32</u>	54
8.	Quality and Reliability Engineering International	<u>29</u>	42
9.	The TQM Journal	<u>28</u>	40
10.	Journal of Risk Research	<u>28</u>	37
11.	International Journal of Lean Six Sigma	<u>27</u>	39
12.	Eksploatacja i Niezawodność-Maintenance And Reliability	<u>24</u>	32
13.	International Journal of Systems Assurance Engineering and Management	22	32
14.	International Symposium on Software Reliability Engineering	<u>21</u>	37
15.	Quality Engineering	<u>19</u>	25
16.	Journal of Quality in Maintenance Engineering	<u>18</u>	30
17.	International Journal for Quality Research	<u>18</u>	29
18.	International Conference on Computer Safety, Reliability, and Security	<u>17</u>	26
19.	Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability	<u>17</u>	22
20.	Journal of Quality Technology	<u>16</u>	31

h5-index for this conference: 12

### **ACM Metrics**

Not Sponsored by ACM

#### **Aminer Rank**

Not Listed in Aminer

#### **Other Rankings**

URL: http://www.conferenceranks.com/#data

Description: In Google H-index our average is 12:

https://scholar.google.com/citations?hl=en&view\_op=search\_venues&vq=EuroSPI&btnG=

B2 in ERA, and B in QUALIS

And Springer announced:

Your book is helping solve the worldâĂŹs greatest challenges.

We are delighted to inform you that your book Systems, Software and Services Process Improvement, 25th European Conference, EuroSPI 2018, Bilbao, Spain, September 5-7, 2018, Proceedings is among the top used publications on SpringerLink that concern one or more of the United Nations Sustainable Development Goals (SDGs).

See https://nqa2.iscn.com/index.php/rss-news/341-25-11-2020

Rank: B

Conferences in area: International Conference on Software Engineering (ICSE) European Conference on Software Process Improvement (EuroSPI) International Symposium on Empirical Software Engineering and Measurement (ESEM) European Conference on Software Architecture (ECSA) IEEE International Conference on Software Maintenance and Evolution (ICSME)

#### **Top People Publishing Here**

name: Ricardo Colomo Palacios

justification: Conference Board, Chair of scientific committee and regular author. h-index 45

https://scholar.google.com/citations?user=CpqizXUAAAAJ&hl=en&oi=ao

Ricardo is editor of journals that publish papers from the EuroSPI workshops. He is a driver for creating new research topics to be covered in EuroSPI workshops and attached EuroSPI Academy (see Other Info about Academy).

## Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	2	2	1
Attendance: AL	NAYS			•

# name: Kay RÃűmer

justification: Supports the conference every year, his research team participates every year h-index 48

https://scholar.google.com/citations?hl=en&user=Nup8qqUAAAAJ Is mentor of Dr Macher who publishes papers at the conference every year.

## Paper counts:

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

## Attendance: ALWAYS

name: Rory O Connor

justification: Conference Board, Chair of scientific committee and regular author. h-index 37

https://scholar.google.com/citations?hl=en&user=SdKht\_IAAAAJ

#### Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
6	6	6	5	4

Attendance: ALWAYS

name: Hermann Maurer

justification: Supporter and for ca. 10 years former boss in TU Graz of Dr Richard Messnarz, the industry chair of the conference. Participates every few years with visionary paper and as key note. Is mentor of Dr Messnarz. h-index 43

 $\verb|https://scholar.google.com/citations?hl=en&user=2rUZR9MAAAAJ||$ 

### Paper counts:

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

## Attendance: SOMETIMES

name: Jan Pries Heje

justification: PC member, chair of the SPI workshop at the conference, his university team participates every year, he participates ca.

every 2nd year himself. h-index 34 https://scholar.google.com/citations?hl=en&user=g9HwFYAAAAAJ

Editor and founder of the SPI Manifesto. Also he is coordinator of a Danish improvement task force in industry.

### Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	2	4	0

Attendance: ALWAYS

name: Murat Yilmaz

justification: New upcoming and promising researcher, PC member, reviews papers every moderates the new emerging software paradigms workshop and is editor of an IET Software journal which publishes extended papers from this new emerging paradigms workshop.

h-index 16

https://scholar.google.com/citations?hl=de&user=S7J\_GYAAAAAJ

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
4	4	3	3	2

Attendance: ALWAYS

name: Dietmar Winkler

justification: PC member, publishes regularly, participates every year h-index 23

https://scholar.google.com/citations?hl=en&user=UV9LOXAAAAAJ

TU Vienna has people like Marta Sabou etc. who are in the area and have h-index 52 and he works in that leading research team. He comes every year and top people with h-index 52 from that group every 3rd year approx.

Paper counts:

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

Attendance: ALWAYS

name: Fergal McCaffery

justification: PC member, publishes regularly, participates every year. Leading member of the functional safety workshop community in EuroSPI. h-index 22 https://scholar.google.com/citations?hl=en&user=eI2pj6sAAAAJ

Leads the medical sresaetch team to cooperate with the industry teams connected to EuroSPI. Has a leading tech transfer function in this respect in Europe.

Paper counts:

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

# name: Richard Messnarz

justification: Industry chair of EuroSPI, Moderator of German / Austrian working party of leading electronic and automotive companies elaborating best practices for safety and cybersecurity used in leading suppliers and car manufacturers. This research leads to very high download figures of the book, e.g. 131000 for the 2017 book etc. Member of the group developing the new IEEE software safety standard currently. h-index 21 https://scholar.google.com/citations?hl=en&user=v2xVlnwAAAJ

Founded EuroSPI in 1994. He is vice president of the European Certification and Qualification Association that supports EuroSPI, he leads the industry group SOQRATES and moderates the industry integration like Volkswagen, BOSCH, Continental etc. to EuroSPI. He is WP leader of the EU Blueprint DRIVES and co-editor of the WILEY journal attached to EuroSPI. He is leading the functional safety European qualification for leading European electronics industry. In this role he builds the bridge between industry and research. Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
5	5	5	5	1

Attendance: ALWAYS name: Paul Clarke

justification: Scientific chair together with Ricardo Colomo Palacios and Murat Yilmaz. Expert in new emerging software engineering paradigms, and leading this workshop at EuroSPI. h-index 20 https://scholar.google.com/citations?hl=en&user=gZ4MTA8AAAJ Represents LERO (the group of Irish research centers) in EuroSPI and LERO gives an annual best paper award at EuroSPI, the Rory O Connor award.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
5	4	4	3	1

Attendance: ALWAYS

## Where People Publish

## **Top (Senior) Program Committee Members**

Generated Report Name: conf\_submissions\_top\_spc/higherrank1105\_top\_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf\_rank\_report/higherrank1105\_spc\_report.txt Graphs: http://portal.core.edu.au/core/media/conf\_rank\_graphs/higherrank1105\_spc\_graph.png



Reference item: \\ 1. European Conference on Software Process Improvement (EuroSPI)

This conference was published at 39 times by 6 of 9 experts in the last 5 years.

The experts that publish at this conference are: Jan Pries-Heje(4), Kay Rmer(1), Hermann A. Maurer(1), Marta Sabou(1), Rory O'Connor(25), Ricardo Colomo Palacios(8)

In 2015, there were 5 publications by 2 experts: Rory O'Connor, Ricardo Colomo Palacios In 2016, there were 6 publications by 2 experts: Rory O'Connor, Ricardo Colomo Palacios In 2017, there were 11 publications by 4 experts: Jan Pries-Heje, Rory O'Connor, Marta Sabou, Ricardo Colomo Palacios In 2018, there were 7 publications by 3 experts: Jan Pries-Heje, Rory O'Connor, Ricardo Colomo Palacios In 2019, there were 10 publications by 5 experts: Jan Pries-Heje, Kay Rmer, Rory O'Connor, Ricardo Colomo Palacios, Hermann A. Maurer

6 out of the 9 experts published at this conference in 1 or more years 3 out of the 9 experts published at this conference in 3 or more years 2 out of the 9 experts published at this conference in 5 or more years

### **Top People Report**

Method of selection: Method applied:

When you enter "Software Process Improvement" in Google Scholar and select Sort by Relevance then GS finds 42500 publications with a high number of researchers with h-index i = 45, even up to h-index 80.

Here is a copy of the query so that you can repeat our approach:

https://scholar.google.com/scholar?hl=de&as\_sdt=0,5&q=%22software+process+improvement%22

Note: When you just search for researchers who have Software\_Process\_Improvement in their job description you find much less. The reason is that most people are software engineering professors, software process experts, or like me safety experts but due to the fact that we have to master software issues publish also a lot in the area of software process improvement.

We took the query

https://scholar.google.com/scholar?hl=de&as\_sdt=0,5&q=%22software+process+improvement%22

as a basis and manually searched through a few thousand papers and selected those researchers that publish in that area and have an h-index  $\lambda = 45$ .

We feel that this query is most representative for our area.

Keyword:	EuroSPI

name	h-index	gscholar url
Khaled El Emam	57	https://scholar.google.com/citations?hl=de&user=_JApRIwAAAAJ
Barbara Ann Kitchenham	78	https://scholar.google.com/citations?user=CQDOm2gAAAAJ&hl=de&oi=ao
Mario Piattini	70	https://scholar.google.com/citations?user=M91TyJcAAAAJ&hl=de&oi=ao
Lars Mathiassen	56	https://scholar.google.com/citations?user=yQ2_grwAAAAJ&hl=de&oi=ao
Tore DybÃě	48	https://scholar.google.com/citations?user=sA-TGysAAAAJ&hl=de&oi=ao
Brian Fitzgerald	58	https://scholar.google.com/citations?user=siD3m68AAAAJ&hl=de&oi=ao
Victor Basili	85	https://scholar.google.com/citations?user=B3C4aY8AAAAJ&hl=de&oi=ao
Claes Wohlin	60	https://scholar.google.com/citations?user=gGLdjasAAAAJ&hl=de&oi=ao
Ricardo Colomo-Palacios	45	https://scholar.google.com/citations?user=CpqizXUAAAAJ&hl=de&oi=ao
Emilia Mendes	48	https://scholar.google.com/citations?user=Mz4IbXgAAAAJ&hl=de&oi=ao
Kay RÃűmer	48	https://scholar.google.com/citations?user=Nup8qqUAAAAJ&hl=de&oi=ao
Javed Iqbal	52	https://scholar.google.com/citations?user=spA4yOkAAAAJ&hl=de&oi=ao
Chris F. Kemerer	45	https://scholar.google.com/citations?user=Fch5Ng4AAAAJ&hl=de&oi=ao
Marta Sabou	45	https://scholar.google.com/citations?user=kkbdIVOAAAAJ&hl=de&oi=sra
Patrick Heymans	47	https://scholar.google.com/citations?user=Gr1rdc8AAAAJ&hl=de&oi=sra
Sjaak Brinkkemper	54	https://scholar.google.com/citations?user=yC-jFtOAAAAJ&hl=de&oi=sra
Manfred Reichert	48	https://scholar.google.com/citations?user=BHDNcesAAAAJ&hl=de&oi=sra
Alain Abran	45	https://scholar.google.com/citations?user=JcyHeLYAAAAJ&hl=de&oi=sra
Lionel Briand	83	https://scholar.google.com/citations?user=Zj897NoAAAAJ&hl=de&oi=ao
Yingxu Wang	54	https://scholar.google.com/citations?user=EyAD66UAAAAJ&hl=de&oi=ao
M. Ali Babar	48	https://scholar.google.com/citations?user=oagBheUAAAAJ&hl=de&oi=ao
lan Sommerville	60	https://scholar.google.com/citations?user=YkBQyNoAAAAJ&hl=de&oi=sra
Miguel-Angel Sicilia	45	https://scholar.google.com/citations?user=mspPvXQAAAAJ&hl=de&oi=sra

Reference item: \\ 8. European Conference on Software Process Improvement (EuroSPI)

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This conference was published at 10 times by 3 of 20 experts in the last 5 years.

The experts that publish at this conference are: Marta Sabou(1), Kay Rmer(1), Ricardo Colomo Palacios(8)

In 2015, there were 1 publications by 1 experts: Ricardo Colomo Palacios In 2016, there were 2 publications by 1 experts: Ricardo Colomo Palacios In 2017, there were 3 publications by 2 experts: Marta Sabou, Ricardo Colomo Palacios In 2018, there were 2 publications by 1 experts: Ricardo Colomo Palacios In 2019, there were 2 publications by 2 experts: Ricardo Colomo Palacios, Kay Rmer

3 out of the 20 experts published at this conference in 1 or more years 1 out of the 20 experts published at this conference in 5 or more years WPP Report: http://portal.core.edu.au/core/media/conf\_rank\_report/higherrank1105\_top\_people\_report.txt Graphs: http://portal.core.edu.au/core/media/conf\_rank\_graphs/higherrank1105\_top\_people\_graph.png







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## **Other Information**

## **Comparator Comparison**

## Comparator

International Conference on Evaluation and Assessment in Software Engineering

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Explanation as to why conference is superior to comparator:

Impact on community by readership worldwide:

EuroSPI 2019 proceedings downloaded 58000 times

https://link.springer.com/book/10.1007/978-3-030-28005-5

EuroSPI 2018 proceedings downloaded 72000 times

https://link.springer.com/book/10.1007/978-3-319-97925-0

EuroSPI 2017 proceedings downloaded 131000 times

https://link.springer.com/book/10.1007/978-3-319-64218-5

Due to the impact on a world level by really impacting the technology transfer from research to leading industry we were awarded by SRINGER in 2020.

See https://nqa2.iscn.com/index.php/rss-news/341-25-11-2020 Index:

h5-index median 13, avg 12

In Google H-index our average is 12 and median is 13:

https://scholar.google.com/citations?hl=en&view\_op=search\_venues&vq=EuroSPI&btnG=

EuroSPI scientific chair (since years) has h-index 45 (Ricardo Colomo Palacios), our general chair / industry chair has h-index 21 (Richard Messnarz).

http://portal.core.edu.au/conf-ranks/1022/

Impact on community by readership worldwide: EASE 2019 downloaded 4912 times

https://dl.acm.org/doi/proceedings/10.1145/3319008

EASE 2018 downloaded 5690 times

https://dl.acm.org/doi/proceedings/10.1145/3210459

EASE 2017 downloaded 9803 times

https://dl.acm.org/doi/proceedings/10.1145/3084226

Index: h5-index 20 found at:

https://www.guide2research.com/conference/ease-2020

EASE scientific chair (only recent year 2020 online) has h-index 42 (Torgeir Dingsoyr), EASE general chair has h-index 20 (Jingyue Li).

Speaking for EuroSPI:

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In general we would suggest for CORE to measure not just how the researchers reference researchers but how much the work of the conference has real impact on the market, e.g. as we use by EuroSPI the number of downloads and readers. See our download statistics and the SPRINGER nature award we received in 2020.

Explanation of higher selection rate of EuroSPI. EuroSPI is 50% researchers (we selected here for the SPC the research committee and 50% leading car, aerospace and medical industry). Only 18 research papers are selected for the research section of the SPRINGER book and the remaining papers are industry in practice reports which illustrate how the research is currently applied in industry projects. These additional industry case studies make the selection rate look high.

Also since 2004 we have an annual WILEY journal (in the journal - where people publish report - see section D) which selects 5 to 6 papers (approx. 6%) for highly qualified research papers.

Thus we can claim for the journal a very low selection rate.

The journals list from 2004 on you find at: https://2021.eurospi.net/index.php/about/publishers ===

Further strenghts of EuroSPI compared to EASE:

Cross section of key societal domains and from both academic and industrial perspectives

It is important to note that in EuroSPI, leading strategic thinkers from various key fields of societal interest attend, contribute and learn in collaboration with each other. EuroSPI has attendees from the leading automotive firms/suppliers, e.g. Volkswagen, Audi, Bosch, Valeo, and encourages their progress with respect to the green agenda. EuroSPI also has attendees from medical device, aerospace and nuclear safety critical domains (e.g. European/Scandinavian Nuclear Power Plant planning and standardisation), and to concentrate the independent learning from these fields, dedicated workshops are held to facilitate information exchange. This includes a significant focus on leading international standardisation efforts related to these fields, for example the development and refinement of process assessment standards related to automotive and medical devices.

By integrating leading academic and industrial viewpoints as a fundamental objective, EuroSPI aims to enable enhanced refinement within both perspectives. The level of integration of these two perspectives is very high in EuroSPI and unlikely to be matched in many other conference venues.

Industrial participants.

Industrial participants help to bring a leading-edge real-world focus to the conference, which is considered important as a counter-balance to academic research which can lack a grounding in leading-edge implementation in some sectors. EuroSPI is one of the only conferences which seriously attempts to address this challenging objective. Contribution to society.

EuroSPI is heavily committed to investing in future societal progress. For example, the EuroSPI community has been developing the SPI Manifesto as a key strategic software process improvement manifesto for organisations of all sizes and geographies. EuroSPI is furthermore committed to the development of international best practice training and education (e.g. ECQA) as we firmly believe that a more progress in these areas will result in better future outcomes for all of us.

International reach.

Examine the stats on the number of countries from which authors contribute to comparator conferences.

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Comparing the WPP reports:

In the WPP report for EASE you see that the top people in the PC of EASE publish more in other conferences than EASE. EASE appears in position 36 when using the names of their PC committee.

In the WPP report for PC members of EuroSPI the top people publish most in EuroSPI, EuroSPI appears in position 1.

That means a large commitment by the top PC people listed to EuroSPI.

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re h-index

The h-index measures how researchers link work from other researchers. It does not measure the application of research in industry in form of applied research in pilot projects. EuroSPI by definition and vision is 50% research and 50% technology transfer to pilot projects. In that impact metric on the market we have very high numbers (see download figures and industry relationships to certifications and companies).

See vision at https://2021.eurospi.net/index.php/vision

And the high download figures in SPRINGER are explained by the application of the research, rather than by researchers citing researchers.

We kindly ask to consider that industry impact factor as well and disregard the little higher h-index from the 2 comparators. Link to comparator report:

http://portal.core.edu.au/core/media/conference\_submission\_2020/Data\_Comparator\_for\_1105\_575.pdf

## Comparator

International Symposium on Software Reliability Engineering

Explanation as to why conference is superior to comparator:

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Index:

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International Symposium on Software Reliability Engineering (ISSRE)

Core Link

portal.core.edu.au/conf-ranks/1411/

Impact on community by readership worldwide:

After 30 years they show 31000 citations, in the last 18 ears we had above half a million SPRINGER book donloads of EuroSPI proceedings.

EuroSPI has according to SPRINGER statistics in the last 18 years above 486000 book downloads adding all years together since 2003. Index:

h5-index 17

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By integrating leading academic and industrial viewpoints as a fundamental objective, EuroSPI aims to enable enhanced refinement within both perspectives. The level of integration of these two perspectives is very high in EuroSPI and unlikely to be matched in many other conference venues.

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http://portal.core.edu.au/core/media/conference\_submission\_2020/Data\_Comparator\_for\_1105\_576.pdf

## **Other Relvant Info**

Other relevant information: EuroSPI received a SPRINGER Nature Award. See Springer-Nature.-EuroSPI-Award.pdf. EuroSPI has a scientic committee, see eurospi-spc-list-v9.pdf

EuroSPI has beside the SPRINGER book an annual WILEY journal since 2004, see EuroSPI-WILEY-Journal-Volumes.pdf. EuroSPI has an industry committee of leading automotive and electronics companies who publish industry experience papers in the SRINGER book and who offer technology transfer options for their research in industry. The SOQRATES committee

https://soqrates.eurospi.net/index.php/mitgliedschaft

contributes to EuroSPI. Volkswagen organises an annual agile workshop etc.

EuroSPI cooperates with the strategic resaerch programs for green Europe and has 2 EU Blueprint projects providing workshop and key notes since 2019 annually. Based on that a new EuroSPI online academy has been formed that is being established together with the industrial association of car makers.

See

https://academy.eurospi.net/

https://learn.drives-compass.eu/

Both portals are set up since Nov 2020 and in 2021 the roll out of the academy starts. The organiser of EuroSPI, ISCN, is manager of these 2 academy infrastructures.

Also EuroSPI supports that researchers identfy skills that will be qualified in industry, thus since 2015 the ECQA (European Certification and Qualification Association) is supporting EuroSPI.

See https://2021.eurospi.net/index.php/ecqa

EuroSPI has founded for the SPI community an SPI Manifesto that has been distributed widely.

See https://2021.eurospi.net/index.php/manifesto

And this community includes so far up to 42500 papers and many authors, see

## Attachments

```
http://portal.core.edu.au/core/media/request_attachment/Springer-Nature.-EuroSPI-Award.pdf
http://portal.core.edu.au/core/media/request_attachment/eurospi-spc-list-v9.pdf
http://portal.core.edu.au/core/media/request_attachment/EuroSPI-WILEY-Journal-VolumesV2.pdf
http://portal.core.edu.au/core/media/request_attachment/spi_manifesto-created-at-EuroSPI2009.pdf
http://portal.core.edu.au/core/media/request_attachment/EuroSPI-Related-Initiatives.pdf
```

## Proposers

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# Submitted By

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