



Submission Data for 2020-2021 CORE conference Ranking process
International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management

Jan Dietz, Ana Fred, Jorge Bernardino, David Aveiro, Joaquim Filipe

Conference Details

Conference

Title: International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management
Acronym : IC3K
Rank: C

Requested Rank

Rank: B

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://www.scitepress.org/ProceedingsList.aspx?FieldName=NX8zK3c48nE%3d&t=1&t=1&t=1&t=1&t=1&title=7+mgmp501Xk%3d&conference=h6WdphhaEX8%3d&year=7+mgmp501Xk%3d&isbn=7+mgmp501Xk%3d>

Further details: The Conference Proceedings, including final versions of all accepted papers, separated by category (full and short papers), are published by SCITEPRESS, under an ISBN and, for conferences held on an annual basis, also under an ISSN. The proceedings are obtainable both on paper and digital support, and are available online at the SCITEPRESS Digital Library (www.scitepress.org). Access to all papers is free for all researchers, in an open access way. Anyone who wishes to access any paper needs only to get a free user account to login. Besides the regular conference proceedings publication by SCITEPRESS, the conference has also an agreement with Springer (CCIS series) to publish a short list of revised and extended versions of papers presented at the conference. The next year edition the conference has also an agreement with the Springer Nature Computer Science journal to publish a short list of IC3K 2021 best papers

Most Recent Years

Most Recent Year

Year: 2019

URL: <http://www.ic3k.org/?y=2019>

Location: Vienna, Austria

Papers submitted: 220

Papers published: 49

Acceptance rate: 22

Source for numbers: <https://www.scitepress.org/ProceedingsDetails.aspx?ID=T4KTibRgTuo=&t=1>

General Chairs

Name: Joaquim Filipe

Affiliation: Polytechnic Institute of Setúbal / INSTICC, Portugal

Gender: M

H Index: 17

GScholar url: <https://scholar.google.com/citations?hl=en&user=Qiq9kBoAAAAJ>

DBLP url: <https://dblp.org/pid/34/3795.html>

Program Chairs

Name: Ana Fred Affiliation: Instituto de Telecomunicações and University of Lisbon, Portugal Gender: F H Index: 32 G Scholar url: https://scholar.google.com/citations?user=fMdRU1cAAAAJ&hl=en DBLP url: https://dblp.org/pid/f/AnaLNFred.html
Name: Jan Dietz Affiliation: Delft University of Technology, Netherlands Gender: M H Index: 26 G Scholar url: DBLP url: https://dblp.org/pid/d/JLGDietz.html
Name: David Aveiro Affiliation: University of Madeira / Madeira-ITI, Portugal Gender: M H Index: 10 G Scholar url: https://scholar.google.com/citations?hl=en&user=vcEY8kcAAAAJ DBLP url: https://dblp.org/pid/82/6659.html
Name: Jorge Bernardino Affiliation: Polytechnic of Coimbra - ISEC, Portugal Gender: M H Index: 22 G Scholar url: https://scholar.google.com/citations?hl=en&user=EpJW32AAAAJ DBLP url: https://dblp.org/pid/43/3799.html
Name: Ana Salgado Affiliation: Federal University of Pernambuco, Brazil Gender: F H Index: 22 G Scholar url: https://scholar.google.com/citations?hl=en&user=Bw2KP8wAAAAJ DBLP url: https://dblp.org/pid/23/6139.html

Second Most Recent Year

Year: 2018

URL: <http://www.ic3k.org/?y=2018>

Location: Seville, Spain

Papers submitted: 167

Papers published: 30

Acceptance rate: 18

Source for numbers: <https://www.scitepress.org/ProceedingsDetails.aspx?ID=dRvKCrWVKcU=&t=1>

General Chairs

Name: Joaquim Filipe Affiliation: Polytechnic Institute of Setúbal / INSTICC, Portugal Gender: M H Index: 17 G Scholar url: https://scholar.google.com/citations?hl=en&user=Qiq9kBoAAAAJ DBLP url: https://dblp.org/pid/34/3795.html
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Program Chairs

Name: Ana Fred Affiliation: Instituto de Telecomunicações and University of Lisbon, Portugal Gender: F H Index: 32 G Scholar url: https://scholar.google.com/citations?user=fMdRU1cAAAAJ&hl=en DBLP url: https://dblp.org/pid/f/AnaLNFred.html
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Third Most Recent Year

Year: 2017

URL: <http://www.ic3k.org/?y=2017>

Location: Funchal, Madeira, Portugal

Papers submitted: 157

Papers published: 31

Acceptance rate: 20

Source for numbers: <https://www.scitepress.org/ProceedingsDetails.aspx?ID=oMFBKw/aoDM=&t=1>

General Chairs

Name: Joaquim Filipe Affiliation: Polytechnic Institute of Setúbal / INSTICC, Portugal Gender: M H Index: 17 G Scholar url: https://scholar.google.com/citations?hl=en&user=Qiq9kBoAAAAJ DBLP url: https://dblp.org/pid/34/3795.html
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Program Chairs

Name: Ana Fred Affiliation: Instituto de Telecomunicações and University of Lisbon, Portugal Gender: F H Index: 32 G Scholar url: https://scholar.google.com/citations?user=fMdRU1cAAAAJ&hl=en DBLP url: https://dblp.org/pid/f/AnaLNFred.html
Name: Jan Dietz Affiliation: Delft University of Technology, Netherlands Gender: M H Index: 26 G Scholar url: DBLP url: https://dblp.org/pid/d/JLGDietz.html
Name: David Aveiro Affiliation: University of Madeira / Madeira-ITI, Portugal Gender: M H Index: 10 G Scholar url: https://scholar.google.com/citations?hl=en&user=vcEY8kcAAAAJ DBLP url: https://dblp.org/pid/82/6659.html
Name: Kecheng Liu Affiliation: The University of Reading, United Kingdom Gender: M H Index: 37 G Scholar url: https://scholar.google.com/citations?hl=en&user=0S_FAEMAAAAJ DBLP url: https://dblp.org/pid/24/3947.html
Name: Jorge Bernardino Affiliation: Polytechnic of Coimbra - ISEC, Portugal Gender: M H Index: 22 G Scholar url: https://scholar.google.com/citations?hl=en&user=EpJW32AAAAAJ DBLP url: https://dblp.org/pid/43/3799.html
Name: Ana Salgado Affiliation: Federal University of Pernambuco, Brazil Gender: F H Index: 22 G Scholar url: https://scholar.google.com/citations?hl=en&user=Bw2KP8wAAAAJ DBLP url: https://dblp.org/pid/23/6139.html

Policies

Chair Selection: The chairs are selected each year by a committee composed by the prior chairs and the board of the main sponsor (INSTICC). The candidates are first of all the prior chairs, who are usually rotating in a regular basis, after a few years on the same position. When the prior chairs rotate and a position is open, the list of candidates is composed by the highest h-index members of the program committee, prior keynote speakers and frequent authors, who are familiar with the conference processes. Occasionally, are added to the list of candidates other internationally distinguished researchers, who are proposed by colleagues belonging to the initial list of candidates. Criteria to be actually invited to become conference chair or program chair include the level of expertise and recognition, based on Google Scholar h-index or Scopus h-index, combined with the coverage of the conference topics, based on the candidate list of publications in these indexes as well as in dblp, R&D projects participation, and also, to a lesser extent, gender and international representativeness.

Policy name: Ethics of Review

Policy url: <http://www.ic3k.org/EthicsOfReview.aspx>

Policy name: Plagiarism and Self-Plagiarism

Policy url: <http://www.ic3k.org/NormsPlagiarism.aspx>

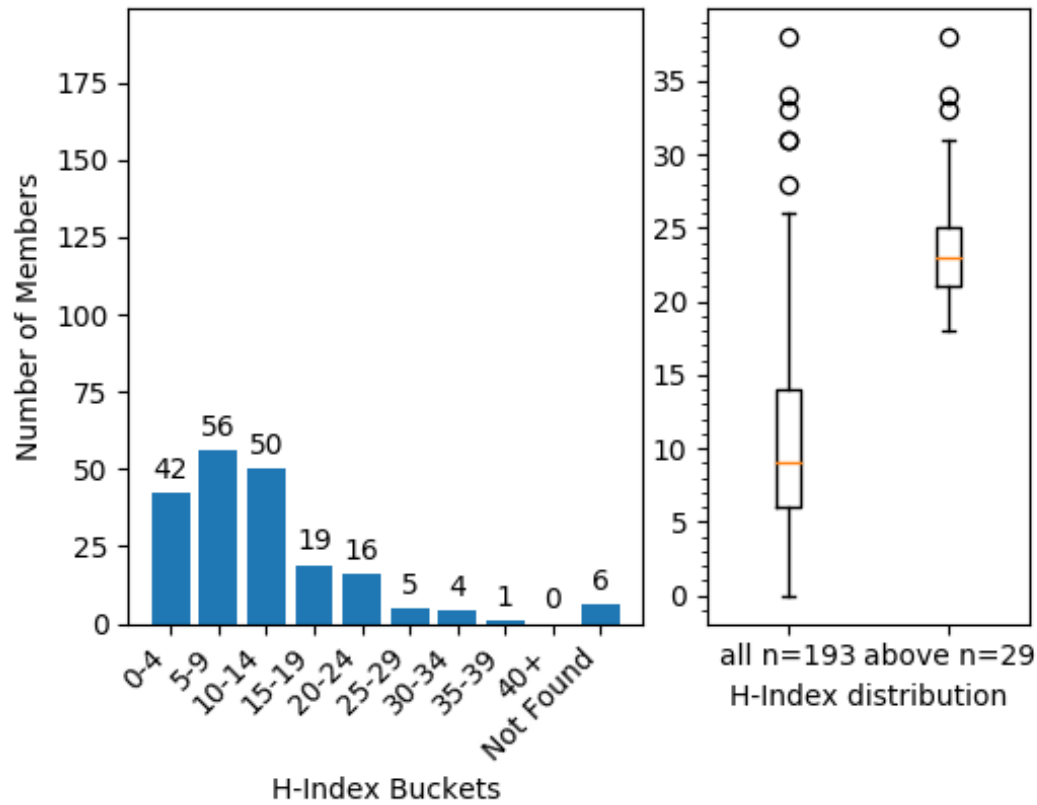
(Senior) Program Committee

Link to (s)pc: <http://www.ic3k.org/ProgramCommittee.aspx?y=2020>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/IC3K_Reviewers_2020_V6FB1Bp.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1692.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_databasesinformationsystems

Position in sub-category: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank1692_gscholar_minh5.png

<div> <div> <div></div> <div>Google Scholar</div> </div> <div> <div> <div></div> <div>Top publications</div> </div> </div> </div>		
<div> <div>Categories</div> <div> <div>Engineering & Computer Science</div> <div>Databases & Information Systems</div> </div> </div>		
Publication	h5-index	h5-median
1. IEEE Transactions on Knowledge and Data Engineering	81	117
2. International World Wide Web Conferences (WWW)	80	113
3. International Conference on Very Large Databases	70	102
4. ACM SIGMOD International Conference on Management of Data	66	96
5. ACM SIGIR Conference on Research and Development in Information Retrieval	57	97
6. International Conference on Data Engineering	56	79
7. ACM International Conference on Web Search and Data Mining	54	95
8. ACM International Conference on Information and Knowledge Management	54	88
9. International Conference on Web and Social Media (ICWSM)	48	71
10. ACM Conference on Recommender Systems	46	73
11. Information Processing & Management	46	71
12. Knowledge and Information Systems	43	60
13. Information Systems	41	71
14. IEEE International Conference on Big Data	41	52
15. Workshop of Cross-Language Evaluation Forum	40	54
16. ACM Transactions on Intelligent Systems and Technology (TIST)	39	65
17. IEEE Transactions on Big Data	38	58
18. International Semantic Web Conference	37	57
19. Semantic Web	36	56
20. Journal of Big Data	34	84

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

Help

Privacy

Terms

No Google Scholar h5 index available for this conference

Potential reason for no h5 index: IC3K is composed of three co-located complementary conferences, namely: - International Conference on Knowledge Discovery and Information Retrieval (KDIR) - International Conference on Knowledge Engineering and Ontology Development (KEOD) - International Conference on Knowledge Management and Information Systems (KMIS)

At this moment only the KDIR conference is listed in Google Scholar with a h5-index of 13 (https://scholar.google.com/citations?hl=en&view_op=search_venues&vq=Knowledge+Discovery+and+Information+Retrieval&btnG=), although the paper information there is always related to IC3K so we think this is just an incorrect naming and in fact the h5-index belongs to IC3K.

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Not Listed in Aminer

Other Rankings

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

Description: Conference “JIC3K - International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management” included in the QUALIS “CAPES” conference ranking in the area of computer science. The QUALIS Conference Ranking is sponsored by CAPES (Brazilian Federal Agency for the Improvement of Higher Education).

Rank: B4

Conferences in area: KDD - ACM International Conference on Knowledge Discovery and Data Mining

CIKM - ACM International Conference on Information and Knowledge Management

ECML PKDD - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Database

PAKDD - Pacific-Asia Conference on Knowledge Discovery and Data Mining

SEKE - International Conference on Software Engineering and Knowledge Engineering

KSEM - International Conference on Knowledge Science, Engineering and Management

IC3K - International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management

EKAU - International Conference on Knowledge Engineering and Knowledge Management

DaWaK - Data Warehousing and Knowledge Discovery

Top People Publishing Here

name: J  rg Meyer

justification: h-index: 171 <https://scholar.google.com/citations?hl=pt-PT&user=bCxu3lMAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Yutaka Yasui

justification: h-index: 107 <https://scholar.google.com/citations?hl=pt-PT&user=dTNdwSIAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Ling Chen

justification: h-index: 96 <https://scholar.google.com/citations?hl=pt-PT&user=SHmJHkMAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Dovi Poznanski

justification: h-index: 62 <https://scholar.google.com/citations?hl=pt-PT&user=5rz6jiUAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Yiming Yang

justification: h-index: 57 <https://scholar.google.com/citations?hl=pt-PT&user=MlZq4XwAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Imran Khan

justification: h-index 60 <https://scholar.google.com/citations?hl=pt-PT&user=FfDCTGEAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Dorit Hochbaum

justification: h-index: 53 <https://scholar.google.com/citations?hl=pt-PT&user=Cc1JcywAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Filip De Turck

justification: h-index: 52 <https://scholar.google.com/citations?hl=pt-PT&user=-HXXnmEAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Yiannis Kompatsiaris

justification: h-index: 49 <https://scholar.google.com/citations?hl=pt-PT&user=Nr7smP8AAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Arun Somani

justification: h-index: 49 <https://scholar.google.com/citations?hl=pt-PT&user=SYZ5R-8AAAAJ>

Paper counts:

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

Attendance: SOMETIMES

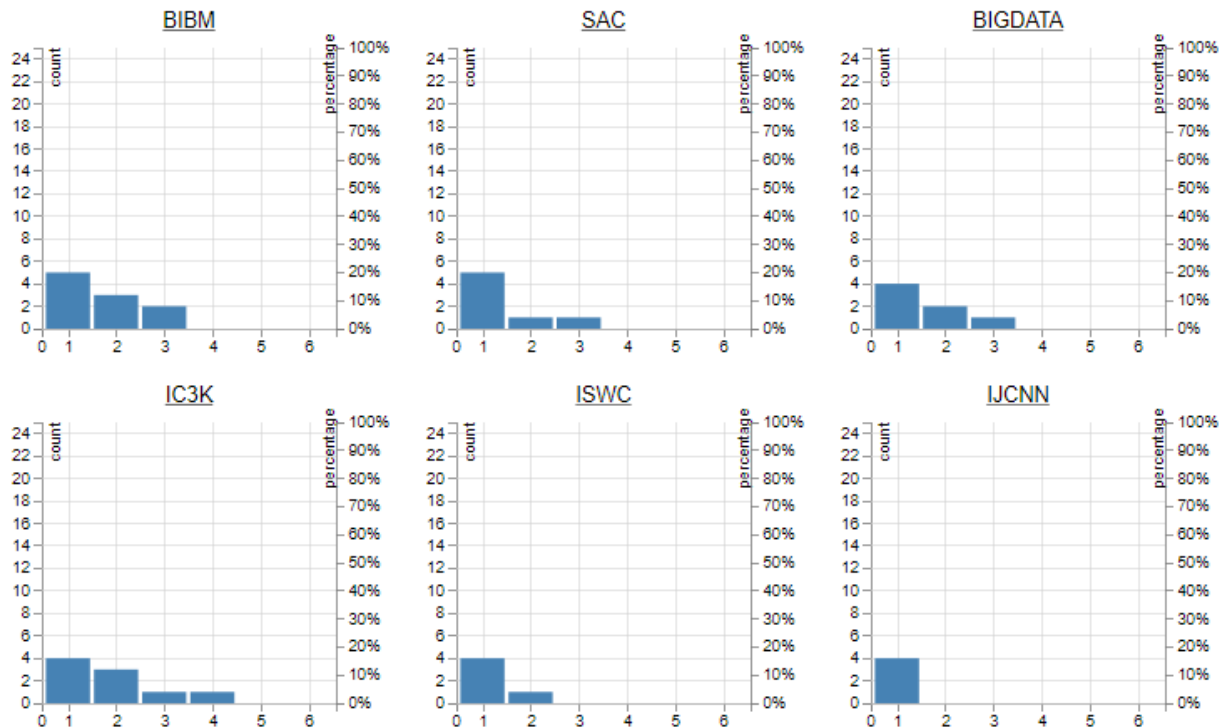
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions.top_spc/higherrank1692.top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1692_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1692_spc_graph.PNG



Reference item: \\ 4. International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K)

This conference was published at 10 times by 4 of 25 experts in the last 5 years.

The experts that publish at this conference are: Dieter Fensel(1), Luis M. de Campos(2), James Geller(2), Anna Goy(5)

In 2015, there were 4 publications by 3 experts: Anna Goy, James Geller, Luis M. de Campos

In 2016, there were 1 publications by 1 experts: Dieter Fensel

In 2017, there were 1 publications by 1 experts: Anna Goy

In 2018, there were 2 publications by 2 experts: Luis M. de Campos, Anna Goy

In 2019, there were 2 publications by 2 experts: Anna Goy, James Geller

4 out of the 25 experts published at this conference in 1 or more years

3 out of the 25 experts published at this conference in 2 or more years

1 out of the 25 experts published at this conference in 4 or more years

Top People Report

Not providing Top People Report

Other Information

Comparator Comparison

Comparator

Data Warehousing and Knowledge Discovery

Explanation as to why conference is superior to comparator:

- The acceptance rate of IC3K is lower than DaWaK.
- The chairs of IC3K are distinguished researchers whose h-index is comparable that of DaWaK chairs.
- DaWaK 2018 and 2017 have no General chair.
- The comparator event has a lower h5-index than our conference.
- The quality of our conference benefits from some stability of the conference/program chairs, as it rotates part of the chairs every few years, unlike the comparator, which has different chairs more frequently.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1692_973.pdf

Comparator

Explanation as to why conference is superior to comparator:

- Our conference is an annual event whereas the comparator is a biennial event. - The acceptance rate of IC3K is lower than EKAW. - The chairs of IC3K are distinguished researchers whose h-index is comparable that of EKAW chairs. - The quality of our event benefits from some stability of the conference/program chairs, as it rotates chairs every few years, unlike the comparator, which has different chairs every year. - The comparator event has the same h5-index than our conference.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1692_974.pdf

Other Relevant Info

Other relevant information: - IC3K has a double-blind review process, each paper being reviewed by at least 3 members of the program committee, but often more than that, and the program committee is composed by researchers who are active and well respected internationally, with high h-indices.

- The technical program of IC3K always includes keynote speakers who are internationally distinguished researchers in the topic areas of IC3K, such as: Dieter Fensel, University Innsbruck - h-index: 80 Manfred Reichert, Ulm University - h-index: 73 Rudi Studer, Karlsruhe Institute of Technology - h-index: 70 Stefan Decker, RWTH Aachen University - h-index: 69 Frank van Harmelen, The Hybrid Intelligence Center & Vrije Universiteit Amsterdam - h-index: 67 Xindong Wu, Mininglamp Software Systems, China and University of Louisiana at Lafayette - h-index: 66 Marijn Janssen, Delft University of Technology - h-index: 65 Nicola Leone, University of Calabria - h-index: 56 Rita Cucchiara, University of Modena and Reggio Emilia - h-index: 54 Jan Vanthienen, KU Leuven - h-index: 49

- The conference is well integrated in the research and academic network, including some institutional partners that collaborate to increase the quality and visibility of the conference, such as ACM, Springer, OMG, WfMC, Fipa, AAAI, ERCIM, and others indicated on its website of the current and previous editions.

Attachments

N/A

Proposers

First name: Jan

Last name: Dietz

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Last name: Bernardino

Affiliation: Polytechnic of Coimbra - ISEC, Portugal

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Last name: Filipe

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Submitted By

Name: Pereira Andreia

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