Data Provided for 2014 CORE Conference Re-ranking Process

Conference Name

CORE Conference Acronym: ICIAR
CORE Conference Name: International Conference on Image Analysis and Recognition
CORE Portal URL (copy & paste from CORE Portal search – blank if Add):

Does this conference have a published archival proceedings containing full papers: YES
Are all papers peer reviewed in their full paper form: YES

Current Rank in CORE Portal: **NOT IN PORTAL (This is an Add request)**

Proposed Rank: B

Proposed FoR Codes:

FOR Code 1 (4 digit or 2 digit): 0
FOR Code 2 (4 digit or 2 digit):
FOR Code 3 (4 digit or 2 digit):

 Most Recent Conference Data

Conference Data – Year 1

Year: 2011
Conference URL : http://www.aimiconf.org/iciar11/
Number full papers submitted: 147
FULL refereed papers published: 84
Acceptance rate: 57.14%

Programme Chair Information

PC Chair 1 Name: Mubarak Shah Affiliation: University of Central Florida h-index: 75 Google Scholar or DBLP URL: http://scholar.google.com/citations?user=p8gsO3gAAAAJ	PC Chair 2 Name: Max Viergever Affiliation: University Medical Center Utrecht h-index: 74 Google Scholar or DBLP URL: http://scholar.google.com/citations?user=sjm9gPsAAAAJ&hl=en

General Chair Information

GC Chair 1 Name: Mohamed Kamel Affiliation: University of Waterloo h-index: 43 Google Scholar or DBLP URL: http://scholar.google.com/citations?user=6Evj9YwAAAAJ	GC Chair 2 Name: Aurélio Campilho Affiliation: University of Porto h-index: 16 Google Scholar or DBLP URL: http://scholar.google.com/citations?user=Tobhz8oAAAAJ&hl=en

Conference Data – Year 2

Year : 2012
Conference URL: http://www.aimiconf.org/iciar12/
Number full papers submitted: 207
FULL refereed papers published: 108
Acceptance rate: *52.17%*

Programme Chair Information

PC Chair 1 Name: Mubarak Shah Affiliation: University of Central Florida h-index: 75 Google Scholar/DBLP URL: http://scholar.google.com/citations?user=p8gsO3gAAAAJ	PC Chair 2 Name: Max Viergever Affiliation: University Medical Center Utrecht h-index: 74 Google Scholar/DBLP URL: http://scholar.google.com/citations?user=sjm9gPsAAAAJ&hl=en

General Chair Information

GC Chair 1 Name: Mohamed Kamel Affiliation: University of Waterloo h-index: 43 Google Scholar/DBLP URL: http://scholar.google.com/citations?user=6Evj9YwAAAAJ	GC Chair 2 Name: Aurélio Campilho Affiliation: University of Porto h-index: 16 Google Scholar/DBLP URL: http://scholar.google.com/citations?user=Tobhz8oAAAAJ&hl=en

Conference Data – Year 3

Year: 2013
Conference URL: http://www.aimiconf.org/iciar13/
Number full papers submitted: 177
FULL refereed papers published: 92
Acceptance rate: *51.98%*

Programme Chair Information

PC Chair 1 Name: Mubarak Shah Affiliation: University of Central Florida h-index: 75 Google Scholar/DBLP URL: http://scholar.google.com/citations?user=p8gsO3gAAAAJ	PC Chair 2 Name: Max Viergever Affiliation: University Medical Center Utrecht h-index: 74 Google Scholar/DBLP URL: http://scholar.google.com/citations?user=sjm9gPsAAAAJ&hl=en

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GC Chair 1 Name: Mohamed Kamel Affiliation: University of Waterloo h-index: 43 Google Scholar/DBLP URL: http://scholar.google.com/citations?user=6Evj9YwAAAAJ	GC Chair 2 Name: Aurélio Campilho Affiliation: University of Porto h-index: 16 Google Scholar/DBLP URL: http://scholar.google.com/citations?user=Tobhz8oAAAAJ&hl=en

Existing Conference Ranks

Category URL from **Google Scholar**:
http://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_computervisionpatternrecognition
Position of this conference in subcategory: Below end of list
Lowest h5 index in subcategory list: 25
H5 index of this conference: 13

CORE acronym of conference immediately above this one in list: CAIP
CORE rank: B
CORE portal URL: http://103.1.187.206/core/955/
H5 index of conference immediately above: 16

CORE acronym of conference immediately below this one in list: DICTA
CORE Rank: B
CORE portal URL: http://103.1.187.206/core/428/
H5 index of conference immediately below: 13

Arnetminer subcategory: 10
Arnetminer subcategory URL: http://arnetminer.org/page/conference-rank/html/Multmedia,image,video.html
Number of conferences in this subcategory: 190
Rank of this conference in subcategory: 86

CORE acronym of conference immediately above this one in subcategory: DICTA
CORE portal URL: http://103.1.187.206/core/428/
CORE Rank: B

CORE acronym of conference immediately below this one in subcategory: ACCV
CORE portal URL:http://103.1.187.206/core/167/
CORE rank: B

Conferences inferior to this in overall ranking

Conference 1: ACIVS--Novo--ref--ICIAR
Conference 2: CAIP--Novo--ref--ICIAR
Conference 3: IV--Novo--ref--ICIAR
Conference 4: ICISP--Novo--ref--ICIAR
Conference 5: CIARP--Novo--ref--ICIAR
Conference 6:

Any other supporting information you feel useful:

We, on behalf of the General Chairs of the International Conference of Image Analysis and Recognition (ICIAR – www.aimiconf.org), would like to request the inclusion of the conference in the CORE Conference Ranking as CORE B, or CORE C if it is not considered relevant enough for CORE B.
ICIAR series of conferences is organized by the Association for Image and Machine Intelligence (AIMI), a not-for-profit organization registered in Canada. ICIAR is an international conference of consolidated standing that recently reached the 10th anniversary. ICIAR become an international conference with participation from more than 30 countries on average. In particular, in the last three conferences, ICIAR received 147 papers from 37 countries, in 2011, 207 papers from 41 countries, in 2012, and 177 from 36 countries, in 2013.
All the submitted papers are checked for similarity using a comparison database of scholarly work since 2013, being the first Springer international conference performing this similarity filtering. Papers over a reasonable level of similarity are rejected outright. The reviewing process guarantees that each paper is reviewed by at least two different experts of the field, reviews that are finally checked by the Conference Chairs to come up with the final decision. The average acceptance rate of papers over the 10 years has been   52.6 %.
ICIAR also includes outstanding keynote talks coming from highly remarkable researchers as: Toshio Fukuda (Nagoya University, h-index = 40) or Ze-Nian Li (Simon Fraser University, h-index = 14) from ICIAR 2011; Wiro Niessen (Delf University of Technology, h-index = 51) or Rudolf Kruse (University of Magdeburg, h-index = 44) from ICIAR 2012; Erkki Oja (Aalto University, h-index = 60) or José Carlos Príncipe (University of Florida, h-index = 56), among others.
Moreover, ICIAR normally includes special focused sessions, research competitions and panel discussions that make the conference a more interesting and stimulating event.
Panel Discussions, regarding the focused theme of the conference, allow the discussion and interchange of ideas among all the researchers and the keynote speakers (e.g. in ICIAR'13 on Biometrics).

Special sessions, about a specific topic, provide meeting points for worldwide researchers to interchange ideas and cooperate with highly specialized researchers (e.g. in ICIAR'13 on "Recent Advances on RGB-D Camera Applications" and "The Methods of Moments in the Analysis of Images and Objects").

Research competitions, normally taking a hot topic, that stimulates the interested researchers to solve or improve the state of the art solutions, ideas that are put all together in the conference (e.g. in ICIAR'13 on "Biometric Recognition with Portable Devices", http://www.fe.up.pt/~mobBIO2013/).

All these are extra features, that normally characterize the top conferences in the field, and are not included in most of the conferences. This added value makes the ICIAR conferences highly relevant events for sharing and discussion in the image analysis and recognition scientific fields.

As an extra evidence of the quality of the ICIAR conferences, Springer, the publisher of the proceedings, informed us that ICIAR 2011, ICIAR'12 and ICIAR'13 ebooks are among the top 25% of the most downloaded Springer ebooks with, for example, 98,739 downloads of ICIAR'13 papers.

For all the above reasons, we aim ICIAR to be ranked as CORE B, or if eventually is not considered relevant enough, to be labelled as CORE C.

In order to illustrate and justify the application, as demanded, we include 5 different well known conferences on the field, 3 CORE B and 2 CORE C, in order to compare the ICIAR stats and demonstrate that its level is placed among other CORE B conferences on related fields of research and noticeably above of CORE C ones.

The selected conferences (and their corresponding acronyms in CORE) are:

- International Conference on Image Analysis and Processing (ICIAP): CORE B.
- International Conference on Information Visualisation (IV): CORE B.
- International Conference of Computer Analysis of Images and Patterns (CAIP): CORE B.
- International Conference on Image and Signal Processing (ICISP): CORE C.
- Iberoamerican Congress on Pattern Recognition (CIARP): CORE C.

For this purpose, we analyse the stats regarding both criteria specified by the CORE instructions, that is, the Google Scholar and Arnetmainer criteria.

Regarding the Google scholar statistics, we obtained:

Conference	CORE	h5-index	h5-median
ICIAR	Request B	15	21
IV	B	13	17
ACIVS	B	13	15
CAIP	B	16	26
ICISP	C	7	15
CIARP	C	10	13

Under the statistics the Google Scholar shows (h5-index and h5-median) we can clearly see that the natural place of the ICIAR conference is CORE B. The ICIAR h5-index and h5-median are placed over some CORE B conferences, like IV and ACIVS, or at a similar level of others, like CAIP, whereas other CORE C conferences are clearly below the ICIAR stats. Therefore, regarding this criteria, the ICIAR conference would belong to the CORE B conferences group.

Regarding the Arnetmainer, the ICIAR conference is placed, under the "Multimedia, Image & Video" subcategory in the position 86 out of 190, between the DICTA and the ACCV international conferences, both CORE B. However, this category is not well representing the ICIAR conference as it is quite below its real position.

Analysing the criteria of the Artnetmainer, as it is explained in the website, they use:

The Impact Factor score is calculated according to the algorithm proposed in [Garfield, 72].

Specifically, let y be the current year, thus (y-1) and (y-2) denote the previous year and the previous previous year. Further let #article_{y-1} be the number of papers published at a venue in (y-1) and #article_{y-2} for (y-2);

#citations_{y-1} be the number of citations to papers published at the venue in (y-1) and # citations _{y-2} for (y-2).

Then the impact factor if for the venue is calculated by

if[i]=(#citations_{y-1} + #citations_{y-2})/(#article_{y-1}+#article_{y-2}).

That is, the impact factor is calculated as the ratio of the number of citations over the number of published papers during the last 2 years. We calculated this score for the 5 selected conferences together with ICIAR in order to allow the comparison.

This impact factor is biased as it may benefit the biannual conferences because the year y-2 accumulates cites for an extra year, without increasing the number of publications. Trying to balance this situation, for annual conferences, 3 years was used in order to allow a less biased comparison.

Based on the proceedings ISBNs we used Scopus to find all the papers in these publications. After selecting all the documents and clicking its citation overview, we were able to obtain the h-index and IF score according to the Garfield'72 formula. At the end, we depict the procedure and details for each of the conferences.

Summarising, we obtained:

Conference	CORE	Garfield'75 IF Score
ICIAR	Request B	0.4498
IV	B	0.4125
ACIVS	B	0.4419
CAIP	B	0.4463
ICISP	C	0.2319
CIARP	C	0.3743

As happened in the case before, ICIAR IF score is higher than other CORE B conferences: higher than the CORE B conferences IV, ACIVS and CAIP. Moreover, regarding CORE C conferences, ICIAR IF is noticeably higher than the ICISP and CIARP. For that reason, and taking into consideration the Garfield'72 criteria, once again the natural place of the ICIAR conference is among the CORE B conferences and clearly higher than the CORE C conferences.

Conclusion:

In this proposal we introduced the ICIAR conference, an international conference with over a decade of existence. ICIAR is an international reference for researchers and experts from many countries developing research in the field of image analysis and recognition.

In each annual meeting ICIAR receives papers from over than 30 countries. ICIAR was the first Springer conference to check for similarities in papers and automatically discard previously published work. The review process is elaborate and good feedback is provided to authors and the organizers make sure that the final submission included the revision suggested by the reviewers. Each year the conference invites top reaserchers in the field to deliver keynote presentation and conduct panel discussions.

The published proceedings are among the top 25% of the most downloaded Springer e-books.

Moreover, the conference chairs, the advisory, program and organization committee members have excellent credential and reputation that warrant of the high quality of this international conference. Furthermore, the citation and impact stats previously shown demonstrate that ICIAR has a relevant position in the CORE field of Artificial Intelligence and Image Processing, belonging to the rank B of CORE and clearly higher than CORE C.

Appendix 1. Garfield'72 impact factor calculation for each conference:

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   ICIAR

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http://www.informatik.uni-trier.de/~LEY/db/conf/iciar/index.html

2013 - ISBN 978-3-642-39093-7

2012 - ISBN 978-3-642-31294-6 ; 978-3-642-31297-7

2011 - ISBN 978-3-642-21592-6 ; 978-3-642-21595-7

Search in SCOPUS (advanced search): ISBN(978-3-642-39093-7) OR ISBN(978-3-642-31294-6) OR ISBN(978-3-642-31297-7) OR ISBN(978-3-642-21592-6) OR ISBN(978-3-642-21595-7)

Documents 289

Cites 130

h-index 4

IF 0.4498

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   IV

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http://www.informatik.uni-trier.de/~Ley/db/conf/iv/index.html

2013 - ISBN 978-0-7695-5049-7

2012 - ISBN 978-076954771-8

2011 - ISBN 978-076954476-2

Search in SCOPUS: ISBN(978-0-7695-5049-7) OR ISBN(978-076954771-8) OR ISBN(978-076954476-2)

Documents 303

Cites 111

h-index 4

IF 0.4125

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   ACIVS

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http://www.informatik.uni-trier.de/~Ley/db/conf/acivs/index.html

2013 - ISBN 978-3-319-02894-1

2012 - ISBN 978-3-642-33139-8
2011 - ISBN 978-3-642-23686-0
Search in SCOPUS : ISBN(978-3-319-02894-1) OR ISBN(978-3-642-33139-8) OR ISBN(978-3-642-23686-0)
Documents 181
Cites 80
h-index 4
IF 0.4419
****
   CAIP
****
http://www.informatik.uni-trier.de/~LEY/db/conf/caip/index.html
2013 - ISBN 978-3-642-40260-9 ; 978-3-642-40245-6
2011 - ISBN 978-3-642-23671-6 ; 978-3-642-23677-8
Search in SCOPUS: ISBN(978-3-642-40260-9) OR ISBN(978-3-642-40245-6) OR ISBN(978-3-642-23671-6) OR ISBN(978-3-642-23677-8)
Documents 289
Cites 129
h-index 4
IF 0.4463
****
   ICISP
****
http://www.informatik.uni-trier.de/~Ley/db/conf/icisp/index.html
2014 - ISBN 978-3-319-07997-4
2012 - ISBN 978-3-642-31253-3
Search in SCOPUS: ISBN(978-3-319-07997-4) OR ISBN(978-3-642-31253-3)
Documents 69
Cites 19
h-index 2
IF 0.2319
****
   CIARP
****
http://www.informatik.uni-trier.de/~Ley/db/conf/ciarp/index.html
2013 - ISBN 978-3-642-41821-1, 978-3-642-41826-6
2012 - ISBN 978-3-642-33274-6
2011 - ISBN 978-3-642-25084-2
Search in SCOPUS: ISBN(978-3-642-41821-1) OR ISBN(978-3-642-41826-6) OR ISBN(978-3-642-33274-6) OR ISBN(978-3-642-25084-2)
Documents 334
Cites 125
h-index 4
IF 0.3743

Proposer Details

Give information on the proposers of this addition.

Name: Jorge Novo Buján
Affiliation: Universidade do Porto
Email: jnovo@fe.up.pt

Other Proposers:

José Rouco - Universidade do Porto, jrouco@fe.up.pt
Aurélio Campilho, Universidade do Porto, campilho@fe.up.pt

Mohamed Kamel, University of Waterloo, mkamel@uwaterloo.ca