



**Submission Data for 2017 CORE conference Re-ranking process
International Conference on High Performance Computing**

Submitted by: Viktor (V K Prasanna Kumar) Prasanna prasanna@usc.edu
Supported by: Viktor Prasanna, Umit Catalyurek, Sartaj Sahni

Conference Details

Conference

Title: International Conference on High Performance Computing
Acronym : HiPC
Rank: C

Requested Rank

Requested Rank: A

Recent Years

Most Recent Year

Year: 2017
URL: <http://hipc.org/>
Papers submitted: 184
Papers published: 42
Acceptance rate: 23
Source for acceptance rate: <http://hipc.org/>

Program Chairs

Name: Ümit V. Çatalyürek Affiliation: Georgia Institute of Technology, USA H index: 45 Google Scholar URL: https://scholar.google.com/citations?user=OLDMURQAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/=/=Ccedil=ataly=uuml=rek:=Uuml=mit_V=
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General Chairs

Name: Chiranjib Sur Affiliation: Shell, India H index: 9 Google Scholar URL: https://scholar.google.co.in/citations?user=1EB9rPIAAAAJ DBLP URL:
Name: Yinglong Xia Affiliation: Huawei Research America, USA H index: 18 Google Scholar URL: DBLP URL:

Second Most Recent Year

Year: 2016
URL: <http://www.hipc.org/hipc2016/>
Papers submitted: 160
Papers published: 40
Acceptance rate: 25
Source for acceptance rate: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7839659>

Program Chairs

Name: Anne Benoit
Affiliation: ENS Lyon, France
H index: 21
Google Scholar URL: <https://scholar.google.co.in/citations?user=GKgs3tgAAAAJ&hl=en>
DBLP URL: <http://dblp.uni-trier.de/pers/hd/b/Benoit:Anne>

General Chairs

Name: Kalyana Chadalavada
Affiliation: Intel, USA
H index: 4
Google Scholar URL: <https://scholar.google.com/citations?user=0W5ySgoAAAAJ&hl=en>
DBLP URL:

Name: Ananth S Narayan
Affiliation: Intel, India
H index:
Google Scholar URL:
DBLP URL: http://dblp.uni-trier.de/pers/hd/n/Narayan:Ananth_S=

Third Most Recent Year

Year: 2015
URL: <http://www.hipc.org/hipc2015/>
Papers submitted: 201
Papers published: 48
Acceptance rate: 24
Source for acceptance rate: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7397600>

Program Chairs

Name: Sanjay Ranka
Affiliation: University of Florida, USA
H index: 48
Google Scholar URL: <https://scholar.google.co.in/citations?user=j7WSgbwAAAAJ&hl=en>
DBLP URL: <http://dblp.uni-trier.de/pers/hd/r/Ranka:Sanjay>

General Chairs

Name: Ramamurthy Badrinath
Affiliation: Ericsson, India
H index: 9
Google Scholar URL: <https://scholar.google.co.in/citations?user=ZQn0WpOAAAAJ&hl=en>
DBLP URL: <http://dblp.uni-trier.de/pers/hd/b/Badrinath:Ramamurthy>

Name: Rama Govindaraju
Affiliation: Google, USA
H index: 18
Google Scholar URL: https://scholar.google.com/citations?view_op=list_works&hl=en&authuser=1&user=PZJj05QAAAAJ
DBLP URL: <http://dblp.uni-trier.de/pers/hd/g/Govindaraju:Rama>

External Ranks

Google Scholar Rank

Sub-category URL: http://scholar.google.com.au/citations?view_op=top_venues&hl=en
Position in sub-category: 20+
h5-index of 20th item in subcategory: 37
h5-index of this conference: 18
Next conference above portal link: None
h5-index of above conference: None
Next conference below portal link: None
h5-index of below conference: None

LiveSHINE rank

Class: B
 H-index: 26
 RankH-index: 505
 Avg citations: 8
 RankAvgCitations: 505
 ClassAvgCitations: other
 Publications: 462
 Citations: 3880

Microsoft Academic rank

Class: A-
 FiledRating: 83
 RankFieldRating: 113
 ClassFieldRating: A
 Avg citations: 7
 RankAvgCitations: 604
 ClassAvgCitations: other
 Publications: 9050
 Citations: 59601

Where others publish

General Report

File: http://portal.core.edu.au/core/media/conf_rank_report/hpc-2005_gBQp5eH_fsWamME.txt
 List of people with h-indices:

No.	Name	h index	url
1	Julian J. Bunn	89	https://scholar.google.com/citations?user=4vRmrsAAAAJ&hl=en
2	William J. Dally	85	https://scholar.google.com/citations?user=YZHj-Y4AAAAJ&hl=en
3	William Gropp	67	https://scholar.google.com/citations?user=vB96fX8AAAAJ&hl=en
4	Viktor K. Prasanna	65	https://scholar.google.com/citations?user=4FQXSP8AAAAJ&hl=en
5	Kwan-Liu Ma	64	https://scholar.google.com/citations?user=LgL2HpkAAAAJ&hl=en
6	Mahmut T. Kandemir	60	https://scholar.google.com/citations?user=j67v24EAAAAJ&hl=en
7	P. Sadayappan	57	https://scholar.google.com/citations?user=JN4tIsMAAAAJ&hl=en
8	Srinivasan Parthasarathy	55	https://scholar.google.com/citations?user=2mjUsP8AAAAJ&hl=en
9	Katherine A. Yelick	55	https://scholar.google.com/citations?user=93yNuV0AAAAJ&hl=en
10	Andrew A. Chien	55	https://scholar.google.com/citations?user=zkkzO_0AAAAJ&hl=en
11	Laxmikant V. Kalé	53	https://scholar.google.com/citations?user=TP0orDcAAAAJ&hl=en
12	Andrew Lumsdaine	52	https://scholar.google.com/citations?user=rc_EJ2kAAAAJ&hl=en
13	Sandeep K. S. Gupta	51	https://scholar.google.com/citations?user=U9bcQkMAAAAJ&hl=en
14	Satoshi Matsuoka	51	https://scholar.google.com/citations?user=UcW018YAAAAJ&hl=en
15	Horst Simon	49	https://scholar.google.com/citations?user=-NNznOMAAAAJ&hl=en
16	Madhav Marathe	49	https://scholar.google.com/citations?user=cLjMQqsAAAAJ&hl=en
17	Sanjay Ranka	48	https://scholar.google.com/citations?user=j7WSgbwAAAAJ&hl=en
18	David A. Bader	47	https://scholar.google.com/citations?user=uXUA1pgAAAAJ&hl=en
19	Bruce Hendrickson	47	https://scholar.google.com/citations?user=quMILWkAAAAJ&hl=en
20	J. Ramanujam	46	https://scholar.google.com/citations?user=8HB-v0oAAAAJ&hl=en

Keyword: high performance computing (HPC)
 Reference Item:

5. High Performance Computing (HiPC)

This conference was published at 37 times by 11 of 20 experts in the last 10 years.

The experts that publish at this conference are: Srinivasan Parthasarathy(1), David A. Bader(4), Laxmikant V. Kal(11), Satoshi Matsuoka(2), Sanjay Ranka(1), Viktor K. Prasanna(1), P. Sadayappan(4), William Gropp(2), Andrew Lumsdaine(5), J. Ramanujam(1), Sandeep K. S. Gupta(7)

In 2005, there were 3 publications by 3 experts: David A. Bader, Laxmikant V. Kal, P. Sadayappan
 In 2006, there were 1 publications by 1 experts: Laxmikant V. Kal
 In 2007, there were 2 publications by 2 experts: David A. Bader, Satoshi Matsuoka

In 2008, there were 4 publications by 3 experts: Sanjay Ranka, Laxmikant V. Kal, William Gropp
 In 2009, there were 2 publications by 2 experts: Laxmikant V. Kal, Andrew Lumsdaine
 In 2010, there were 6 publications by 4 experts: Sandeep K. S. Gupta, Laxmikant V. Kal, Satoshi Matsuoka, Andrew Lumsdaine
 In 2011, there were 4 publications by 5 experts: Sandeep K. S. Gupta, Laxmikant V. Kal, P. Sadayappan, J. Ramanujam, Andrew Lumsdaine
 In 2012, there were 4 publications by 4 experts: Sandeep K. S. Gupta, David A. Bader, Andrew Lumsdaine, P. Sadayappan
 In 2013, there were 4 publications by 3 experts: Sandeep K. S. Gupta, David A. Bader, Laxmikant V. Kal
 In 2014, there were 4 publications by 4 experts: Srinivasan Parthasarathy, Sandeep K. S. Gupta, Laxmikant V. Kal, P. Sadayappan
 In 2015, there were 3 publications by 3 experts: Sandeep K. S. Gupta, Viktor K. Prasanna, Andrew Lumsdaine
 11 out of the 20 experts published at this conference in 1 or more years
 6 out of the 20 experts published at this conference in 2 or more years
 5 out of the 20 experts published at this conference in 4 or more years
 3 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/hipc-2005_ZYa0fkU.txt

List of people with h-indices:

No.	Name	h index	url
1	William Gropp	67	https://scholar.google.com/citations?user=vB96fX8AAAAJ&hl=en
2	Viktor K. Prasanna	65	https://scholar.google.com/citations?user=4FQXSP8AAAAJ&hl=en
3	P. Sadayappan	57	https://scholar.google.com/citations?user=JN4tIsMAAAAAJ&hl=en
4	Srinivasan Parthasarathy	55	https://scholar.google.com/citations?user=2mjUsP8AAAAJ&hl=en
5	Laxmikant V. Kalé	53	https://scholar.google.com/citations?user=TP0orDcAAAAJ&hl=en
6	Andrew Lumsdaine	52	https://scholar.google.com/citations?user=rc_EJ2kAAAAJ&hl=en
7	Sandeep K. S. Gupta	51	https://scholar.google.com/citations?user=U9bcQkMAAAAAJ&hl=en
8	Satoshi Matsuoka	51	https://scholar.google.com/citations?user=UcW0l8YAAAAJ&hl=en
9	Sanjay Ranka	48	https://scholar.google.com/citations?user=j7WSgbwAAAAJ&hl=en
10	David A. Bader	47	https://scholar.google.com/citations?user=uXUA1pgAAAAJ&hl=en
11	J. Ramanujam	46	https://scholar.google.com/citations?user=8HB-v0oAAAAJ&hl=en
12	Ümit V. Çatalyürek	45	https://scholar.google.com/citations?user=OLDMURQAAAAJ&hl=en
13	Franck Cappello	42	https://scholar.google.co.in/citations?user=z5u02kIAAAAAJ&hl=en
14	Dhabaleswar K. Panda	55	https://scholar.google.com/citations?user=7FXtL98AAAAJ&hl=en
15	Henri Casanova	50	https://scholar.google.com/citations?user=lt3K0RcAAAAJ&hl=en
16	Alok N. Choudhary	61	https://scholar.google.co.in/citations?user=q0nuNrEAAAAJ&hl=en
17	Manish Parashar	48	https://scholar.google.com/citations?user=SCM351MAAAAAJ&hl=en
18	Yves Robert	45	https://scholar.google.com/citations?user=V-Aa0moAAAAJ&hl=en
19	Mary W. Hall	40	https://scholar.google.co.in/citations?user=208pw6sAAAAJ&hl=en
20	Marc Snir	58	https://scholar.google.co.in/citations?user=HaI6LesAAAAJ&hl=en

Keyword: high performance computing (HPC)

Reference Item:

2. High Performance Computing (HiPC)

 This conference was published at 70 times by 20 of 20 experts in the last 10 years.

The experts that publish at this conference are: Srinivasan Parthasarathy(1), David A. Bader(4), Franck Cappello(2), Laxmikant V. Kal(11), Satoshi Matsuoka(2), Manish Parashar(8), mit V. atalyrek(2), Mary W. Hall(1), Sanjay Ranka(1), Viktor K. Prasanna(1), P. Sadayappan(4), Henri Casanova(2), Alok N. Choudhary(3), Yves Robert(4), Andrew Lumsdaine(5), J. Ramanujam(1), Sandeep K. S. Gupta(7), William Gropp(2), Marc Snir(1), Dhabaleswar K. Panda(13)

In 2005, there were 7 publications by 6 experts: David A. Bader, Laxmikant V. Kal, Yves Robert, Manish Parashar, Dhabaleswar K. Panda, P. Sadayappan

In 2006, there were 3 publications by 3 experts: Dhabaleswar K. Panda, Laxmikant V. Kal, Manish Parashar

In 2007, there were 2 publications by 2 experts: David A. Bader, Satoshi Matsuoka

In 2008, there were 8 publications by 5 experts: Sanjay Ranka, Dhabaleswar K. Panda, William Gropp, Manish Parashar, Laxmikant V. Kal

In 2009, there were 4 publications by 4 experts: Dhabaleswar K. Panda, Alok N. Choudhary, Laxmikant V. Kal, Andrew Lumsdaine

In 2010, there were 8 publications by 7 experts: Franck Cappello, Laxmikant V. Kal, Satoshi Matsuoka, Andrew Lumsdaine, mit V. atalyrek, Sandeep K. S. Gupta, Manish Parashar

In 2011, there were 9 publications by 12 experts: Laxmikant V. Kal, Manish Parashar, mit V. atalyrek, P. Sadayappan, Alok N. Choudhary, Yves Robert, Franck Cappello, J. Ramanujam, Sandeep K. S. Gupta, Marc Snir, Dhabaleswar K. Panda, Andrew Lumsdaine

In 2012, there were 7 publications by 7 experts: David A. Bader, Alok N. Choudhary, Yves Robert, Andrew Lumsdaine, Sandeep K. S. Gupta, P. Sadayappan, Manish Parashar

In 2013, there were 6 publications by 5 experts: Sandeep K. S. Gupta, David A. Bader, Laxmikant V. Kal, Manish Parashar, Mary W. Hall

In 2014, there were 9 publications by 7 experts: Srinivasan Parthasarathy, Henri Casanova, Laxmikant V. Kal, Manish Parashar, Sandeep K. S. Gupta, Dhabaleswar K. Panda, P. Sadayappan

In 2015, there were 7 publications by 6 experts: Henri Casanova, Yves Robert, Andrew Lumsdaine, Sandeep K. S. Gupta, Viktor K. Prasanna, Dhabaleswar K. Panda

20 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

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

8 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

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

3 out of the 20 experts published at this conference in 7 or more years

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

Comparator Conferences

International Conference on Parallel Processing
International Conference on Computational Science

Other Information

Proposers

First name: Viktor

Last name: Prasanna

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First name: Umit

Last name: Catalyurek

Affiliation: Georgia Institute of Technology

Email: umit@gatech.edu

First name: Sartaj

Last name: Sahni

Affiliation: University of Florida

Email: sahani@ufl.edu

Attachments

http://portal.core.edu.au/core/media/request_attachment/HiPC_2017_flyer_Sept_11_2017.pdf

Summary Argument:

As can be seen from the data provided, HiPC is very selective conference, and all indicators shows that in almost all metrics, HiPC is comparable with the other conferences in CORE class A.

Additional Notes

We certainly believe CORE2017 ranking of HiPC was simply caused a database error on CORE site, and it affects the reputation of the conference. The only statement explaining the reason it is ranked C was there were two entries in the database; one was ranked C (but without an pointer showing which conference it was really for, this could be a simple name similarity) and one was ranked A (which had pointers to our conference series). We ask you re-review and rectify the records.

We consider ICPP to be equivalent to HiPC and ICCS as being somewhat inferior to HiPC.

We thank the CORE evaluation committee, particularly professor Lin Padgham for giving us this opportunity to make our case.

Viktor Prasanna
HiPC Steering Chair
Charles Lee Powell Chair in Engineering
University of Southern California