**Submission data for 2023 CORE conference ranking process**
**IEEE International Conference on Robotics and Automation**

Jakub Rozlivek

## Introductory Questions

### Conference

Title: IEEE International Conference on Robotics and Automation
Acronym : ICRA
Rank: B (needs review)

### Requested Rank

Rank: A*

### Conference Details

Month: May
Publisher: IEEE
Bi-annual: False
Multiconference: False
Component in a multi-conference or umbrella event: False
Colocated with other events: False
Alternative content: False

### Proceedings Publishing Style

Proceedings Publishing: self-contained
Link to most recent proceedings: https://ieeexplore.ieee.org/xpl/conhome/9811522/proceeding
Further details: Past proceedings have been indexed by Web of Science Core Collection, Scopus.

### Most Recent Years

### Most Recent Year

Year: 2022
URL: https://icra2022.org/
Location: Philadelphia, PA, USA
Papers submitted: 3313
Papers published: 1428
Acceptance rate: 43
Source for numbers: https://staff.aist.go.jp/k.koide/acceptance-rate.html

### General Chairs

| |
|---|
| Name: Vijay Kumar<br>Affiliation: University of Pennsylvania, PA, USA<br>Gender: M<br>H Index: 93<br>GScholar url: https://scholar.google.com/citations?user=FUOEBDUAAAAJ<br>DBLP url: https://dblp.org/pid/k/VijayKumar-1.html |
| Name: George J. Pappas<br>Affiliation: University of Pennsylvania, PA, USA<br>Gender: M<br>H Index: 79<br>GScholar url: https://scholar.google.com/citations?user=Kia-4B0AAAAJ<br>DBLP url: https://dblp.org/pid/p/GeorgeJPappas.html |

**Program Chairs**

Name: Hadas Kress-Gazit
Affiliation: Cornell University, NY, USA
Gender: F
H Index: 24
GScholar url: https://scholar.google.com/citations?user=duOys3YAAAAJ
DBLP url: https://dblp.org/pid/36/4385.html

Name: Aisha Walcott-Bryant
Affiliation: IBM Research Africa, Kenya
Gender: F
H Index: 5
GScholar url: https://scholar.google.com/citations?user=s6Ox-AoAAAAJ
DBLP url: https://dblp.org/pid/123/6527.html

Name: Hanna Kurniawati
Affiliation: Australian National University, Australia
Gender: F
H Index: 16
GScholar url: https://scholar.google.com/citations?user=JkjFXbAAAAAJ
DBLP url: https://dblp.org/pid/94/165.html

**Second Most Recent Year**

Year: 2021
URL: https://icra2021.org/
Location: Xi'an China
Papers submitted: 4005
Papers published: 1946
Acceptance rate: 49
Source for numbers: https://staff.aist.go.jp/k.koide/acceptance-rate.html

**General Chairs**

Name: Max Q.-H. Meng
Affiliation: Chinese University of Hong Kong
Gender: M
H Index: 52
GScholar url: https://scholar.google.com/citations?user=DxDCU7AAAAAJ
DBLP url: https://dblp.org/pid/m/MaxQHMeng.html

**Program Chairs**

Name: Yu Sun
Affiliation: University of Toronto, Canada
Gender: M
H Index: 62
GScholar url: https://scholar.google.com/citations?user=U3w720cAAAAJ
DBLP url: https://dblp.org/pid/62/3689-1.html

**Third Most Recent Year**

Year: 2020
URL: https://ewh.ieee.org/soc/ras/conf/fullysponsored/icra/ICRA2020/www.icra2020.org/index.html
Location: Paris, France
Papers submitted: 2902
Papers published: 1277
Acceptance rate: 44
Source for numbers:
https://ewh.ieee.org/soc/ras/conf/fullysponsored/icra/ICRA2020/www.icra2020.org/images/Press/Press_Kit_En.pdf

**General Chairs**

Name: Stéphane Régnier
Affiliation: Sorbonne Université, France
Gender: M
H Index: 30
GScholar url: https://scholar.google.com/citations?user=5u7S6pQAAAAJ
DBLP url: https://dblp.org/pid/49/87.html

Name: Roland Siegwart
Affiliation: ETH Zurich, Switzerland
Gender: M
H Index: 96
GScholar url: https://scholar.google.com/citations?user=MDIyLnwAAAAJ
DBLP url: https://dblp.org/pid/55/4063.html

**Program Chairs**

Name: Wolfram Burgard
Affiliation: Technical University of Nuremberg, Germany
Gender: M
H Index: 90
GScholar url: https://scholar.google.com/citations?user=zj6FavAAAAAJ
DBLP url: https://dblp.org/pid/b/WolframBurgard.html

Name: Nancy M. Amato
Affiliation: University of Illinois, IL, USA
Gender: F
H Index: 43
GScholar url: https://scholar.google.com/citations?user=AmaB9c4AAAAJ
DBLP url: https://dblp.org/pid/a/NMAmato.html

Name: Fumihito Arai
Affiliation: University of Tokyo, Japan
Gender: M
H Index: 50
GScholar url: https://scholar.google.com/citations?user=AJJ6rkMAAAAJ
DBLP url: https://dblp.org/pid/93/3454.html

Name: François Chaumette
Affiliation: University Rennes, France
Gender: M
H Index: 47
GScholar url: https://scholar.google.com/citations?user=oyJ_HlgAAAAJ
DBLP url: https://dblp.org/pid/72/4838.html

**Policies**

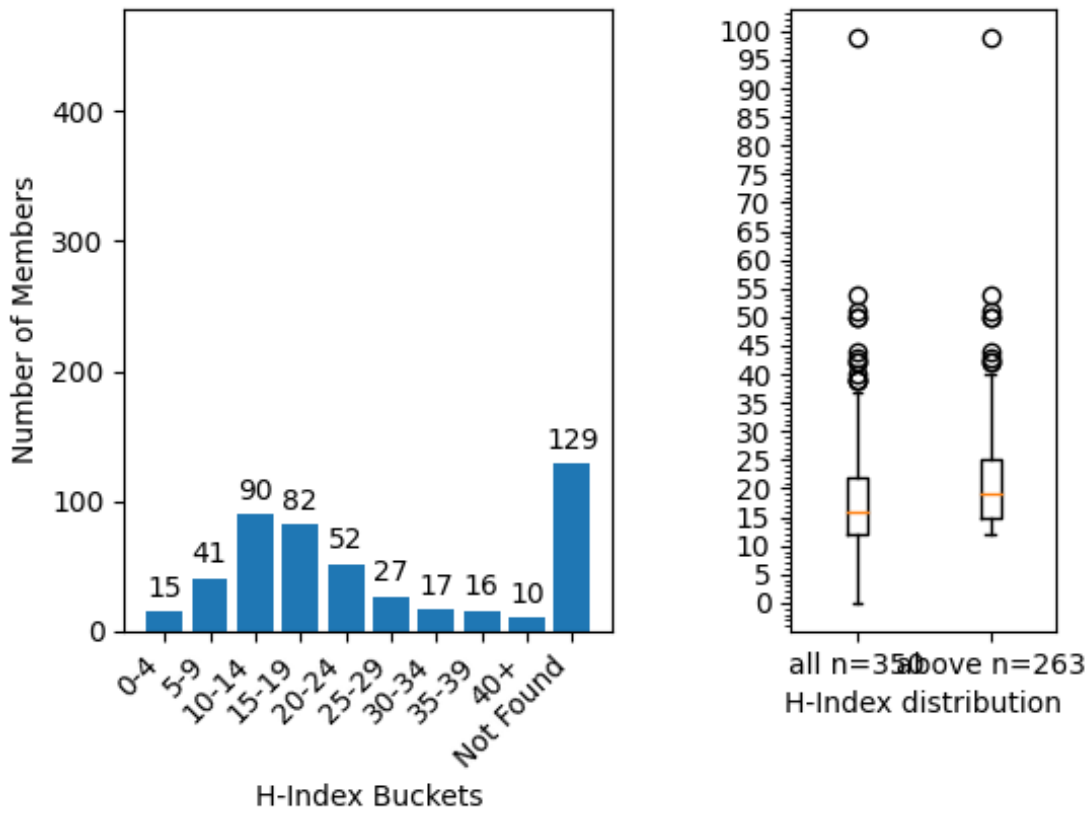
Chair Selection: The ICRA Steering Committee is responsible for the general oversight and long-term goals for ICRA. It is normally responsible for making strategic decisions, providing guidance, oversight, and support for the Organizing Committees of ICRA. Among its duties, it is responsible for the pre-selection of ICRA dates and locations; determining the major theme of ICRA; coordination amongst partner IEEE or Non-IEEE societies; creation or approval of any ICRA-specific policies; enforcement of IEEE and RAS conference policies; and reviewing the budget.
The ICRA Steering Committee selects a set of candidate teams and sites of future editions of ICRA, and presents these to the IEEE RAS Administrative Committee (AdCom). AdCom chooses the conference site and organizing team from among these candidates by voting. The elected AdCom members serve three-year terms, with six members to be elected each year. While an AdCom member cannot serve for more than two consecutive three-year terms, they are eligible to serve again after a two-year lapse. The AdCom meets at a minimum of twice per year.
Policy name: Sustainability Statement
Policy url: https://www.icra2023.org/commitment-diversity-sustainability
Policy name: IEEE RAS CARES
Policy url: https://www.icra2023.org/commitment-diversity-sustainability
Policy name: IEEE Code of Conduct
Policy url: https://www.icra2023.org/commitment-diversity-sustainability
Policy name: IEEE Diversity Statement
Policy url: https://www.icra2023.org/commitment-diversity-sustainability

**Program Committee**

Link to pc: https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9811985
File: http://portal.core.edu.au/core/media/2023/pc_members/icra_editors_j5zNdwF.txt
H-index plot: http://portal.core.edu.au/core/media/2023/pc_graphs/higherrank_hindex_buckets_2184.png

Information contained within these graphs is derived using the Elsevier Scopus Database 2023.

Scopus h-index is generally about 30% lower than Google Scholar h-index.




**Publishing of established researchers in the PC**

http://portal.core.edu.au/core/media/2023/conf_submissions_clean_spc/higherrank2184_spc_report.csv
**WPP Report:** http://portal.core.edu.au/core/media/2023/wpp_reports/bso8RQK9.txt

2. IEEE International Conference on Robotics and Automation (ICRA)
Core Rank: B (needs review)

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This venue was published at 650 times by 176 of 239 individuals in the last 5+ years.

The individuals that publish at this venue are: Cristian Secchi(15), Elena De Momi(14), Kostas Alexis(14), Marc Toussaint(14), Shaojie Shen(14), Yuke Zhu(13), Junaed Sattar(12), Abdeslam Boularias(11), Animesh Garg(11), Kostas J. Kyriakopoulos(11), Tin Lun Lam(11), Minas V. Liarokapis(10), Dimos V. Dimarogonas(9), Dylan A. Shell(9), Federico Tombari(9), Shoudong Huang(9), Sonia Chernova(9), Arsalan Mousavian(8), Gim Song Soh(8), Javier Alonso-Mora(8), Katherine Rose Driggs-Campbell(8), Luca Carlone(8), Paolo Robuffo Giordano(8), Xuping Zhang(8), Yiannis Karayiannidis(8), Hyunglae Lee(7), Kiril Solovey(7), Markus Vincze(7), Seth A. Hutchinson(7), Tamim Asfour(7), Changjoo Nam(6), Clemens Eppner(6), David Hsu(6), Frank Dellaert(6), Huihuan Qian(6), Nilanjan Chakraborty(6), Roberto Calandra(6), Steve Tonneau(6), Wenzhen Yuan(6), Benny Lo(5), Brendan J. Englot(5), Carlo Pinciroli(5), Haewon Park(5), Helge A. Wurdemann(5), Marco Tognon(5), Martin Saska(5), Patrick M. Wensing(5), Sebastian G. Elbaum(5), Aniket Bera(4), Berk Calli(4), Charalampos P. Bechlioulis(4), Christopher Amato(4), Dimitrios Kanoulas(4), Erdal Kayacan(4), Fabio Ruggiero(4), Federica Ferraguti(4), Friedrich Fraundorfer(4), Giuseppe Loianno(4), Igor Gilitschenski(4), Imad H. Elhajj(4), Jindong Tan(4), Keehoon Kim(4), Mario Selvaggio(4), Matteo Saveriano(4), Monica Malvezzi(4), Morteza Lahijanian(4), Nikolaos P. Papanikolopoulos(4), Oren Salzman(4), Roderich Gross(4), Subramanian Ramamoorthy(4), Tapomayukh Bhattacharjee(4), Tomonari Furukawa(4), Vadim Indelman(4), Vincent Padois(4), Weiwei Wan(4), Wenlong Zhang(4), Will Maddern(4), Yezhou Yang(4), Yisheng Guan(4), Aiguo Song(3), Anirudha Majumdar(3), Carrick Detweiler(3), Chengxu Zhou(3), Christian Laugier(3), Daniel Leidner(3), David Held(3), David J. Cappelleri(3), Fabio Morbidi(3), Florian T. Pokorny(3), Georgios E. Fainekos(3), Jens Kober(3), Jinoh Lee(3), Kaiyu Hang(3), Lorenzo Jamone(3), Marie Babel(3), Markus Ryll(3), Pilwon Hur(3), Seok Chang Ryu(3), Simon Hadfield(3), Stefanos Nikolaidis(3), Yebin Wang(3), Abhinav Valada(2), Alessandro Marino(2), Andreas Kolling(2), Bradley Hayes(2), Brenna D. Argall(2), Christian Smith(2), Claudio Pacchierotti(2),

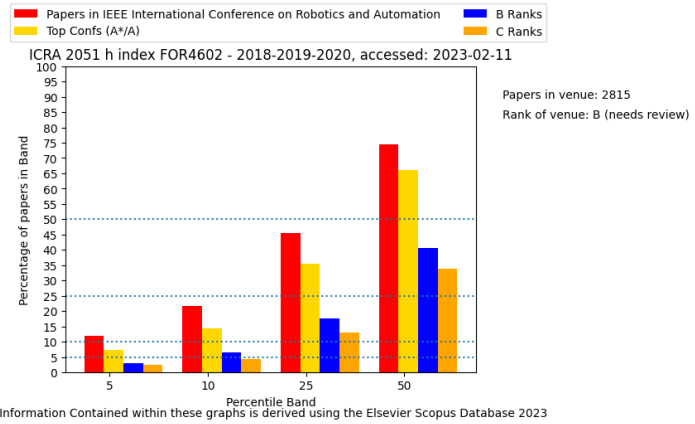
David Navarro-Alarcon(2), Dinesh Jayaraman(2), Domenico Giorgio Sorrenti(2), Fares J. Abu-Dakka(2), Fulvio Mastrogiovanni(2), Gianluca Garofalo(2), Giuk Lee(2), Guy Hoffman(2), Haoyao Chen(2), Herbert G. Tanner(2), Inkyu Sa(2), Kenji Hashimoto(2), Kensuke Harada(2), Kyoungchul Kong(2), Lionel Heng(2), Michael W. Otte(2), Mustafa Suphi Erden(2), Philip M. Dames(2), Samer Mohammed(2), Sehoon Oh(2), Srinivas Akella(2), Tadayoshi Aoyama(2), Tichakorn Wongpiromsarn(2), Tsz-Chiu Au(2), Yajing Shen(2), Yasemin Bekiroglu(2), A. Pedro Aguiar(1), Adriano Fagiolini(1), Amir Ghalamzan Esfahani(1), Andrej Gams(1), Aude Bolopion(1), Dongbing Gu(1), Erkan Kayacan(1), Federico Renda(1), Hareesh Godaba(1), Heiko Hamann(1), Hiroyuki Nabae(1), Huseyin Atakan Varol(1), Jacopo Aleotti(1), Jonathan Cacace(1), Jonathan Sprinkle(1), Jonathan Tompson(1), Joo H. Kim(1), Jyh-Ming Lien(1), Kam K. Leang(1), Ken Caluwaerts(1), Ketao Zhang(1), Kolja Kuhnlenz(1), Li Wen(1), Lino Marques(1), Luiz Chaimowicz(1), Marc D. Killpack(1), Mengchu Zhou(1), Nicola Basilico(1), Omar Tahri(1), Pakpong Chirarattananon(1), Panagiotis Artemiadis(1), Paolo Stegagno(1), Perla Maiolino(1), Philippe Fraisse(1), Qingsong Xu(1), Qingyi Gu(1), Qining Wang(1), Roland Bouffanais(1), Rui Cortesao(1), Taewon Seo(1), Takayuki Osa(1), Yen-Chen Liu(1)

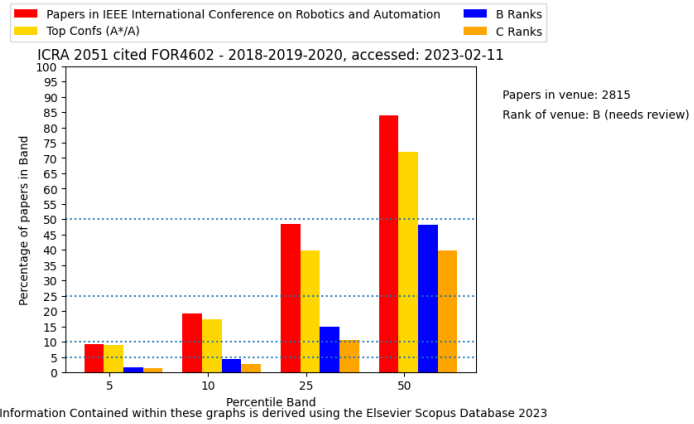
In 2018, there were 109 publications by 82 individuals: Abdeslam Boularias, Abhinav Valada, Alessandro Marino, Andrej Gams, Animesh Garg, Berk Calli, Carlo Pinciroli, Carrick Detweiler, Charalampos P. Bechlioulis, Chengxu Zhou, Christian Laugier, Christopher Amato, Clemens Eppner, Cristian Secchi, David J. Cappelleri, Dimitrios Kanoulas, Dimos V. Dimarogonas, Dongbing Gu, Elena De Momi, Fabio Morbidi, Federica Ferraguti, Federico Renda, Federico Tombari, Florian T. Pokorny, Frank Dellaert, Friedrich Fraundorfer, Georgios E. Fainekos, Gim Song Soh, Giuk Lee, Giuseppe Loianno, Guy Hoffman, Haoyao Chen, Helge A. Wurdemann, Hyunglae Lee, Inkyu Sa, Javier Alonso-Mora, Jindong Tan, Jinoh Lee, Junaed Sattar, Kaiyu Hang, Kam K. Leang, Keehoon Kim, Kostas Alexis, Kostas J. Kyriakopoulos, Lorenzo Jamone, Luca Carlone, Marc Toussaint, Markus Vincze, Monica Malvezzi, Nikolaos P. Papanikolopoulos, Nilanjan Chakraborty, Oren Salzman, Pakpong Chirarattananon, Paolo Robuffo Giordano, Paolo Stegagno, Patrick M. Wensing, Philippe Fraisse, Rui Cortesao, Samer Mohammed, Sebastian G. Elbaum, Sehoon Oh, Shaojie Shen, Shoudong Huang, Simon Hadfield, Sonia Chernova, Srinivas Akella, Steve Tonneau, Tadayoshi Aoyama, Takayuki Osa, Tamim Asfour, Vadim Indelman, Vincent Padois, Wenzhen Yuan, Will Maddern, Xuping Zhang, Yajing Shen, Yasemin Bekiroglu, Yen-Chen Liu, Yezhou Yang, Yiannis Karayiannidis, Yisheng Guan, Yuke Zhu
In 2019, there were 136 publications by 95 individuals: Abdeslam Boularias, Adriano Fagiolini, Andreas Kolling, Aniket Bera, Animesh Garg, Anirudha Majumdar, Arsalan Mousavian, Aude Bolopion, Benny Lo, Berk Calli, Bradley Hayes, Brendan J. Englot, Brenna D. Argall, Carlo Pinciroli, Changjoo Nam, Charalampos P. Bechlioulis, Chengxu Zhou, Christopher Amato, Cristian Secchi, David Held, David Hsu, Dimitrios Kanoulas, Dimos V. Dimarogonas, Dinesh Jayaraman, Domenico Giorgio Sorrenti, Dylan A. Shell, Elena De Momi, Erdal Kayacan, Erkan Kayacan, Fares J. Abu-Dakka, Federica Ferraguti, Federico Tombari, Friedrich Fraundorfer, Gianluca Garofalo, Gim Song Soh, Giuseppe Loianno, Guy Hoffman, Haewon Park, Helge A. Wurdemann, Herbert G. Tanner, Huseyin Atakan Varol, Hyunglae Lee, Imad H. Elhajj, Inkyu Sa, Javier Alonso-Mora, Jens Kober, Jindong Tan, Jinoh Lee, Junaed Sattar, Kaiyu Hang, Katherine Rose Driggs-Campbell, Keehoon Kim, Kenji Hashimoto, Kostas Alexis, Kostas J. Kyriakopoulos, Li Wen, Lino Marques, Lionel Heng, Luca Carlone, Marc Toussaint, Marie Babel, Mario Selvaggio, Markus Ryll, Markus Vincze, Matteo Saveriano, Minas V. Liarokapis, Monica Malvezzi, Mustafa Suphi Erden, Nikolaos P. Papanikolopoulos, Nilanjan Chakraborty, Omar Tahri, Paolo Robuffo Giordano, Perla Maiolino, Pilwon Hur, Qingsong Xu, Roberto Calandra, Roderich Gross, Roland Bouffanais, Seok Chang Ryu, Seth A. Hutchinson, Shaojie Shen, Shoudong Huang, Sonia Chernova, Stefanos Nikolaidis, Tapomayukh Bhattacharjee, Tichakorn Wongpiromsarn, Tomonari Furukawa, Vadim Indelman, Wenlong Zhang, Will Maddern, Xuping Zhang, Yajing Shen, Yebin Wang, Yezhou Yang, Yuke Zhu
In 2020, there were 121 publications by 82 individuals: A. Pedro Aguiar, Abdeslam Boularias, Aiguo Song, Aniket Bera, Animesh Garg, Arsalan Mousavian, Carlo Pinciroli, Changjoo Nam, Christian Laugier, Christopher Amato, Clemens Eppner, Cristian Secchi, Daniel Leidner, David Hsu, David J. Cappelleri, Dimitrios Kanoulas, Dimos V. Dimarogonas, Domenico Giorgio Sorrenti, Dylan A. Shell, Elena De Momi, Erdal Kayacan, Fabio Morbidi, Fabio Ruggiero, Fares J. Abu-Dakka, Federico Tombari, Florian T. Pokorny, Georgios E. Fainekos, Gim Song Soh, Haewon Park, Haoyao Chen, Herbert G. Tanner, Huihuan Qian, Hyunglae Lee, Imad H. Elhajj, Javier Alonso-Mora, Jens Kober, Jindong Tan, Jonathan Cacace, Joo H. Kim, Junaed Sattar, Keehoon Kim, Kenji Hashimoto, Kensuke Harada, Kiril Solovey, Kostas Alexis, Kostas J. Kyriakopoulos, Lorenzo Jamone, Luca Carlone, Marc Toussaint, Marco Tognon, Mario Selvaggio, Martin Saska, Matteo Saveriano, Michael W. Otte, Minas V. Liarokapis, Monica Malvezzi, Nicola Basilico, Nikolaos P. Papanikolopoulos, Nilanjan Chakraborty, Oren Salzman, Patrick M. Wensing, Pilwon Hur, Qingyi Gu, Roberto Calandra, Roderich Gross, Sehoon Oh, Seth A. Hutchinson, Shaojie Shen, Shoudong Huang, Sonia Chernova, Srinivas Akella, Steve Tonneau, Subramanian Ramamoorthy, Taewon Seo, Tamim Asfour, Tin Lun Lam, Vincent Padois, Weiwei Wan, Wenlong Zhang, Wenzhen Yuan, Yiannis Karayiannidis, Yuke Zhu
In 2021, there were 174 publications by 98 individuals: Abdeslam Boularias, Aiguo Song, Alessandro Marino, Aniket Bera, Animesh Garg, Arsalan Mousavian, Benny Lo, Berk Calli, Bradley Hayes, Brendan J. Englot, Brenna D. Argall, Carlo Pinciroli, Carrick Detweiler, Changjoo Nam, Charalampos P. Bechlioulis, Christian Smith, Christopher Amato, Clemens Eppner, Cristian Secchi, David Held, David Hsu, David Navarro-Alarcon, Dimos V. Dimarogonas, Dylan A. Shell, Elena De Momi, Erdal Kayacan, Fabio Morbidi, Federico Tombari, Florian T. Pokorny, Frank Dellaert, Friedrich Fraundorfer, Giuseppe Loianno, Haewon Park, Hareesh Godaba, Helge A. Wurdemann, Hiroyuki Nabae, Huihuan Qian, Hyunglae Lee, Imad H. Elhajj, Javier Alonso-Mora, Jens Kober, Jindong Tan, Jonathan Sprinkle, Jonathan Tompson, Junaed Sattar, Jyh-Ming Lien, Katherine Rose Driggs-Campbell, Ken Caluwaerts, Kensuke Harada, Ketao Zhang, Kiril Solovey, Kostas Alexis, Kostas J. Kyriakopoulos, Kyoungchul Kong, Luca Carlone, Luiz Chaimowicz, Marc Toussaint, Marco Tognon, Marie Babel, Markus Vincze, Martin Saska, Michael W. Otte, Minas V. Liarokapis, Morteza Lahijanian, Nilanjan Chakraborty, Oren Salzman, Paolo Robuffo Giordano, Patrick M. Wensing, Philip M.

Dames, Pilwon Hur, Qining Wang, Roberto Calandra, Samer Mohammed, Sebastian G. Elbaum, Seth A. Hutchinson, Shaojie Shen, Shoudong Huang, Simon Hadfield, Sonia Chernova, Stefanos Nikolaidis, Steve Tonneau, Subramanian Ramamoorthy, Tadayoshi Aoyama, Tamim Asfour, Tapomayukh Bhattacharjee, Tin Lun Lam, Tomonari Furukawa, Tsz-Chiu Au, Vincent Padois, Weiwei Wan, Wenlong Zhang, Wenzhen Yuan, Xuping Zhang, Yebin Wang, Yezhou Yang, Yiannis Karayiannidis, Yisheng Guan, Yuke Zhu
In 2022, there were 110 publications by 74 individuals: Abdeslam Boularias, Abhinav Valada, Amir Ghalamzan Esfahani, Anirudha Majumdar, Benny Lo, Changjoo Nam, Christian Laugier, Christian Smith, Claudio Pacchierotti, Cristian Secchi, Daniel Leidner, David Held, David Hsu, David J. Cappelleri, Dimos V. Dimarogonas, Dylan A. Shell, Fabio Ruggiero, Frank Dellaert, Fulvio Mastrogiovanni, Georgios E. Fainekos, Gim Song Soh, Giuseppe Loianno, Haewon Park, Heiko Hamann, Huihuan Qian, Igor Gilitschenski, Imad H. Elhajj, Jacopo Aleotti, Javier Alonso-Mora, Jinoh Lee, Junaed Sattar, Katherine Rose Driggs-Campbell, Keehoon Kim, Kiril Solovey, Kolja Kuhnlenz, Kostas Alexis, Lorenzo Jamone, Luca Carlone, Marc D. Killpack, Marc Toussaint, Marco Tognon, Mario Selvaggio, Markus Ryll, Martin Saska, Matteo Saveriano, Mengchu Zhou, Minas V. Liarokapis, Monica Malvezzi, Morteza Lahijanian, Mustafa Suphi Erden, Nilanjan Chakraborty, Oren Salzman, Panagiotis Artemiadis, Paolo Robuffo Giordano, Patrick M. Wensing, Roderich Gross, Seth A. Hutchinson, Shaojie Shen, Steve Tonneau, Subramanian Ramamoorthy, Tamim Asfour, Tapomayukh Bhattacharjee, Tichakorn Wongpiromsarn, Tin Lun Lam, Tomonari Furukawa, Tsz-Chiu Au, Vadim Indelman, Wenzhen Yuan, Xuping Zhang, Yasemin Bekiroglu, Yebin Wang, Yezhou Yang, Yiannis Karayiannidis, Yuke Zhu

176 out of the 239 individuals published at this venue in 1 or more years
122 out of the 239 individuals published at this venue in 2 or more years
81 out of the 239 individuals published at this venue in 3 or more years
41 out of the 239 individuals published at this venue in 4 or more years
11 out of the 239 individuals published at this venue in 5 or more years

### Centile graphs of paper metrics




### Top People Involvement

name: Daniela Rus
h-index: 97
Google Scholar URL: https://scholar.google.com/citations?user=910z20QAAAAJ
Justification: Cited by 64192 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 9 | 10 | 6 | 10 | 12 |

Attendance: Almost always (>80% of the time)

name: Davide Scaramuzza
h-index: 74
Google Scholar URL: https://scholar.google.com/citations?user=SC9wV2kAAAAJ
Justification: Cited by 41125 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

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

Attendance: Almost always (>80% of the time)

name: Dieter Fox

h-index: 87
Google Scholar URL: https://scholar.google.com/citations?user=DqXsbPAAAAAJ
Justification: Cited by 85905 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 3 | 6 | 12 | 7 | 2 |

Attendance: Almost always (>80% of the time)

name: Dinesh Manocha
h-index: 72
Google Scholar URL: https://scholar.google.com/citations?user=X08l_4IAAAAJ
Justification: Cited by 54517 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

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

Attendance: Almost always (>80% of the time)

name: Robert J. Wood
h-index: 81
Google Scholar URL: https://scholar.google.com/citations?user=FTYtHb4AAAAJ
Justification: Cited by 42299 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 3 | 1 | 2 | 4 | 3 |

Attendance: Almost always (>80% of the time)

name: Roland Siegwart
h-index: 96
Google Scholar URL: https://scholar.google.com/citations?user=MDIyLnwAAAAJ
Justification: Cited by 76332 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 7 | 13 | 8 | 9 | 8 |

Attendance: Almost always (>80% of the time)

name: Sergey Levine
h-index: 74
Google Scholar URL: https://scholar.google.com/citations?user=8R35rCwAAAAJ
Justification: Cited by 94714 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 5 | 7 | 4 | 8 | 9 |

Attendance: Almost always (>80% of the time)

name: Vijay Kumar
h-index: 93
Google Scholar URL: https://scholar.google.com/citations?user=FUOEBDUAAAAJ
Justification: Cited by 67086 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 4 | 1 | 9 | 5 | 5 |

Attendance: Almost always (>80% of the time)

name: Wolfram Burgard
h-index: 90
Google Scholar URL: https://scholar.google.com/citations?user=zj6FavAAAAAJ
Justification: Cited by 104851 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 3 | 0 | 7 | 5 | 8 |

Attendance: Often (50-80% of the time)

name: Pieter Abbeel
h-index: 85
Google Scholar URL: https://scholar.google.com/citations?user=vtwH6GkAAAAJ
Justification: Cited by 128429 and with tag robotics according to Google Scholar:
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:robotics
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 1 | 2 | 0 | 4 | 8 |

Attendance: Often (50-80% of the time)

**Area Leaders publishing**

Method of selection: Selecting 20 people from top "robotics" people of Google scholar:
https://scholar.google.com/citations?view_op=search_authors&mauthors=label%3Arobotics such that they satisfy the following criteria: 1) h-index above 45 2) Robotics is their primary research field (listed first on their Google Scholar pages)

Keyword: Robotics

| name | h-index | gscholar url |
|---|---|---|
| Shankar Sastry | 96 | https://scholar.google.com/citations?user=KgZxzjsAAAAJ |
| Pieter Abbeel | 85 | https://scholar.google.com/citations?user=vtwH6GkAAAAJ |
| Wolfram Burgard | 90 | https://scholar.google.com/citations?user=zj6FavAAAAAJ |
| Dieter Fox | 87 | https://scholar.google.com/citations?user=DqXsbPAAAAAJ |
| Roland Siegwart | 96 | https://scholar.google.com/citations?user=MDIyLnwAAAAJ |
| Vijay Kumar | 93 | https://scholar.google.com/citations?user=FUOEBDUAAAAJ |
| Daniela Rus | 97 | https://scholar.google.com/citations?user=910z20QAAAAJ |
| Russell H. Taylor | 58 | https://scholar.google.com/citations?user=Ph16U5wAAAAJ |
| Neville Hogan | 74 | https://scholar.google.com/citations?user=P7S5TYOAAAAJ |
| Hugh Durrant-Whyte | 57 | https://scholar.google.com/citations?user=6T1qA5AAAAAJ |
| Oussama Khatib | 57 | https://scholar.google.com/citations?user=4arkOLcAAAAJ |
| Mark Spong | 64 | https://scholar.google.com/citations?user=YeTOBYwAAAAJ |
| Hod Lipson | 60 | https://scholar.google.com/citations?user=F_Go4V4AAAAJ |
| Maja J Mataric | 67 | https://scholar.google.com/citations?user=o5YQMkMAAAAJ |
| Metin Sitti | 92 | https://scholar.google.com/citations?user=YU4Ce_MAAAAJ |
| Robert J. Wood | 81 | https://scholar.google.com/citations?user=FTYtHb4AAAAJ |
| Davide Scaramuzza | 74 | https://scholar.google.com/citations?user=SC9wV2kAAAAJ |
| Bradley J. Nelson | 90 | https://scholar.google.com/citations?user=lFI6TqAAAAAJ |
| Gregory Hager | 61 | https://scholar.google.com/citations?user=ivApfKcAAAAJ |
| Clément Gosselin | 76 | https://scholar.google.com/citations?user=O9VSIMoAAAAJ |

**WPP Report:** http://portal.core.edu.au/core/media/2023/wpp_reports/vEGxungk.txt

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1. IEEE International Conference on Robotics and Automation (ICRA)
Core Rank: B (needs review)
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This venue was published at 202 times by 15 of 16 individuals in the last 5+ years.

The individuals that publish at this venue are: Daniela Rus(47), Roland Siegwart(45), Dieter Fox(30), Wolfram
Burgard(23), Pieter Abbeel(15), Robert J. Wood(13), Gregory D. Hager(6), Neville Hogan(5), Clement Gosselin(4),
Hod Lipson(4), Maja J. Mataric(3), Metin Sitti(3), Russell H. Taylor(3), Bradley J. Nelson(2), Oussama Khatib(1)

In 2018, there were 44 publications by 8 individuals: Daniela Rus, Dieter Fox, Metin Sitti, Neville Hogan, Pieter
Abbeel, Robert J. Wood, Roland Siegwart, Wolfram Burgard
In 2019, there were 47 publications by 11 individuals: Clement Gosselin, Daniela Rus, Dieter Fox, Gregory D.
Hager, Neville Hogan, Oussama Khatib, Pieter Abbeel, Robert J. Wood, Roland Siegwart, Russell H. Taylor, Wolfram
Burgard
In 2020, there were 45 publications by 12 individuals: Bradley J. Nelson, Clement Gosselin, Daniela Rus, Dieter
Fox, Gregory D. Hager, Hod Lipson, Maja J. Mataric, Metin Sitti, Neville Hogan, Robert J. Wood, Roland Siegwart,
Wolfram Burgard
In 2021, there were 38 publications by 9 individuals: Daniela Rus, Dieter Fox, Gregory D. Hager, Hod Lipson, Maja
J. Mataric, Pieter Abbeel, Robert J. Wood, Roland Siegwart, Russell H. Taylor
In 2022, there were 28 publications by 9 individuals: Daniela Rus, Dieter Fox, Gregory D. Hager, Maja J. Mataric,
Pieter Abbeel, Robert J. Wood, Roland Siegwart, Russell H. Taylor, Wolfram Burgard

15 out of the 16 individuals published at this venue in 1 or more years
13 out of the 16 individuals published at this venue in 2 or more years
10 out of the 16 individuals published at this venue in 3 or more years
```

7 out of the 16 individuals published at this venue in 4 or more years
4 out of the 16 individuals published at this venue in 5 or more years

**Additional Data**

**Google Scholar Data**

Sub-category url: https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_robotics
Position in sub-category: 1
h5 index of 20th item in category: 38
h5 index for this conference: 116

**Relationship to similar conferences**

Partial ordering of similar conferences in the area, with argument as to where the current venue fits and why:
IEEE International Conference on Intelligent RObots and Systems - another flagship robotics conference with a similar acceptance rate, covering the whole robotics research area. It takes place in spring and on a different continent than IROS (which takes place in autumn). h5-index 80
Other robotics conferences: ACM/IEEE International Conference on Human Robot Interaction - h5-index 52, User studies are often part of papers (sometimes even the main theme). International Symposium on Robotics Research - h5-index 23 (biennial), very small conference 40-70 accepted papers. Robotics: Science and Systems - h5-index 55, 80-100 accepted papers, Conference on Robot Learning - 200 accepted papers last year, acceptance rate 39 %, focused on the intersection of robotics and machine learning. h5-index 64.
Broader research area: International Conference on Computer Vision - premier event in computer vision (overlay in computer vision for robotics) IEEE Conference on Computer Vision and Pattern Recognition - premier event in computer vision (overlay in computer vision for robotics), similar number of accepted papers, but the acceptance rate is lower (25 %). Advances in Neural Information Processing Systems - an outstanding interdisciplinary conference with similar number of accepted papers, but lower acceptance rate (25 %).
Overall, robotics papers are less popular than those from computer vision. The mentioned premier events from other research areas have twice as big number of submitted paper compared to IROS/ICRA leading to lower acceptance rate with the similar amount of accepted papers.

**Other Information**

**Other Relvant Info**

Other relevant information: ICRA is one of the flagship conferences in robotics (along with IROS). The conference has a higher acceptance rate than flagship conferences in other areas because robotics is a broad research area with many multidisciplinary research topics.

**Attachments**

N/A

**Proposers**

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**Submitted By**

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