

# 2018 IEEE/RSJ International Conference on Intelligent Robots and Systems

October 1-5<sup>th</sup>, 2018, Madrid, Spain

A photograph of the Madrid skyline at dusk. In the foreground, a large bronze statue of a bear standing on its hind legs and holding a large oak leaf is illuminated by warm streetlights. In the background, a clock tower with a dome and other city buildings are visible against a sky with soft orange and blue hues. A street lamp with two glowing lights is in the lower right.

**IROS2018 Wrap-Up**



## Submission & Acceptance Data

Submitted & Accepted papers			
	Submitted	Accepted	%
IROS	2.201	1.006	45,7%
IROS+RAL	503	248	49,3%
<b>TOTAL</b>	<b>2.704</b>	<b>1.254</b>	<b>46,4%</b>

	Submitted	Accepted	%
IROS 2014	1.638	750	45,8%
IROS 2015	2.134	970	45,5%
IROS 2016	1.719	830	48,3%
IROS 2017	2.164	970	44,8%
IROS 2018	2.704	1.254	46,4%

**+25%**

**Total submissions: 3.010**

- Papers: 2.704
- WS/TUT: 99 (56) – 57% acceptance
- Special sessions: 106 (14 sessions)
- Late Breaking Results: 101

# Papers' Acceptance Rate & Reviews

## Most Successful Countries\*

Ranking	Country	%
1	Switzerland	78%
2	Canada	65%
3	Germany	56%
4	United States of America	55%
5	Italy	55%
6	France	52%
7	Greece	50%
8	Sweden	50%
9	United Kingdom	50%
10	Austria	48%
11	Portugal	48%
12	Spain	46%
13	Australia	44%
14	Japan	43%

\* Countries with +10 accepted papers

## Less Successful Countries\*\*

Ranking	Country	%
n-8	Korea, South	38%
n-7	Belgium	36%
n-6	Denmark	35%
n-5	India	30%
n-4	Singapore	28%
n-3	China	27%
n-2	Taiwan	26%
n-1	Brazil	21%
n	Russia	14%

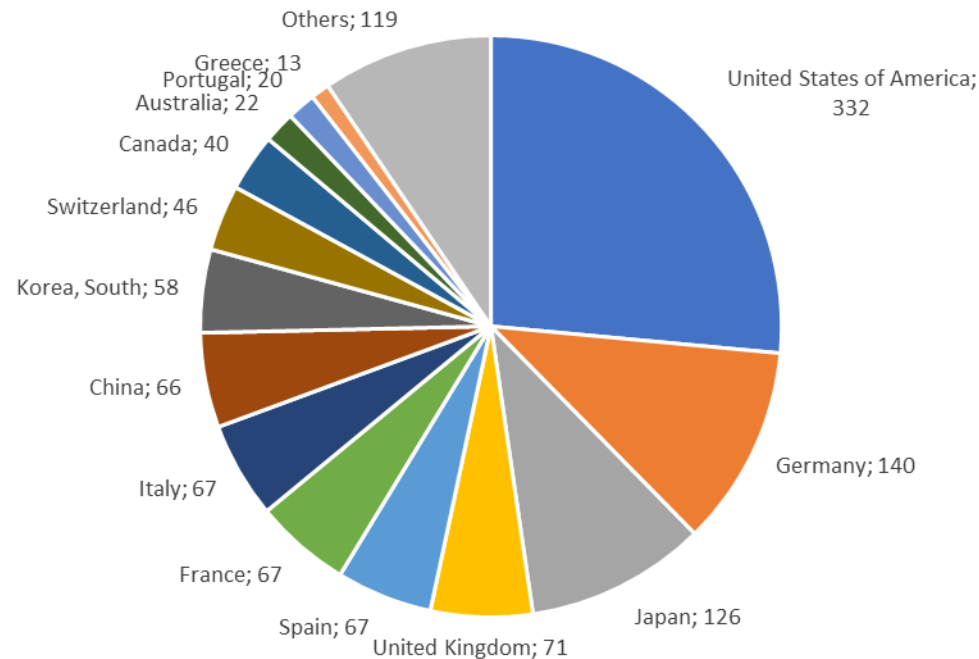
\*\* Most significant countries

## Reviews Data

Responsiveness			Delivery		
Request	Response	%	Request	Delivery	%
15.953	11.158	70	11.339	7.609	67

## Country distribution (accepted papers)

IROS2018 countries distribution (by accepted papers)



**62 countries**

### Top countries by accepted papers:

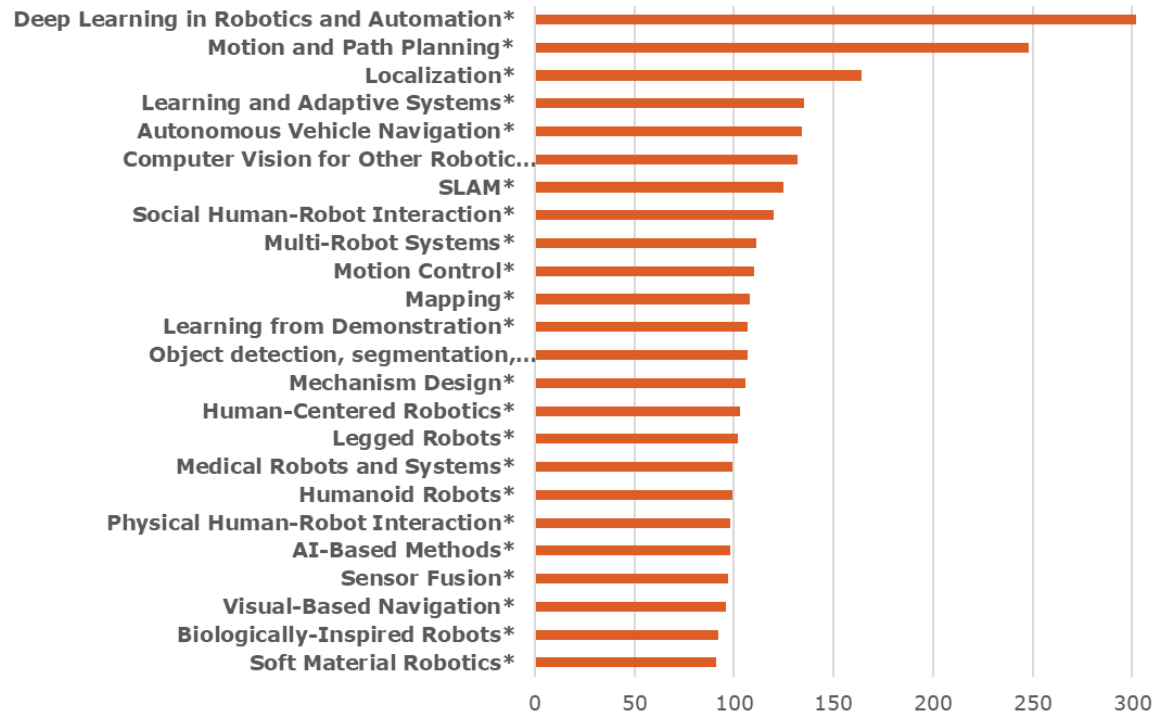
- USA – 332 (26%)
- Germany – 140 (11%)
- Japan – 126 (10%)
- UK – 71 (6%)
- Spain, France, Italy – 67 each (5%)

### Continents distribution:

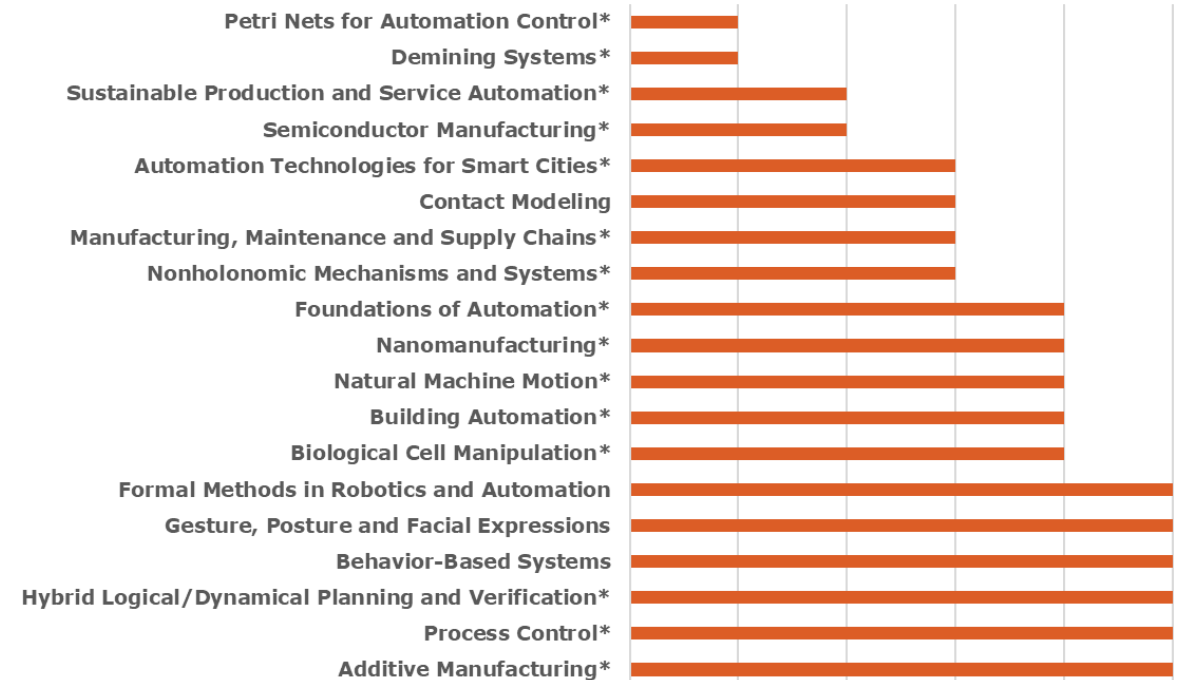
- 25% Asia and Australia/Oceania
- 29% America
- 46% Europe (41% EU)

## Key-words distribution

### Most Frequent Keywords



### Least Frequent Keywords



## Registration data

Registration data	Regular	Total
Full registrations*	3.184	<b>3.678</b>
Workshops/Tutorials	2.167	2.267

\* Full registrations include: Conference and WS/TUT only registrations

### Number of attendees to the conference: 4.401

- Full registration to the conference: 3.678
- Registrations to the competitions: 388
- Registrations to the exhibition: 285
- Accompanying persons: 50

	Registrations
IROS 2014	1.615
IROS 2015	2.079
IROS 2016	2.174
IROS 2017	2.678
IROS 2018	<b>3.678</b>

**+37%**

## General conference data

- 165 Technical Sessions (max of 8 papers each)
  - 3 minutes spotlight
  - 26 minutes interactive
- 14 Special Sessions
- 48 Workshops
  - 33 Full-day; 15 Half-day
- 8 Tutorials
  - 3 Full-day; 5 Half-day
- 3 Technical Tours
- 3 Plenary Talks ( $\frac{1}{3}$ - $\frac{2}{3}$ )\*
  - CH, J, USA
- 20 Keynote Talks (50-50%)\*
  - AUS, CH, CND, D, E, F, I, J, KOR, UK, USA
- 9 Competitions
  - 7 in-door
  - 2 out-door (aut. vehicles, minesweeper)
- 11 Forums & 2 Industry Activities
- Entrepreneur Activity (EFSC 2018)
  - 10 finalists

\* Gender distribution





Conference rooms with easy  
access to 8 monitors



Meeting rooms

## Day 2-4

nº	ROOM		CAPACITY seated
	Number	Name	
0	0	Auditorium	1900
1	1.L.5	MADRID	328
2	2.L.5	ROMA	328
3	1.L.2	PARÍS	195
4	2.L.2	LONDRES	195
5	2.R.3	LA PAZ	117
6	1.L.3	BERLÍN	104
7	2.L.3	ÁMSTERDAM	104
8	2.R.1	CARACAS	95
9	4.L.1	BRUSELAS	94
10	4.R.1	BRATISLAVA	43

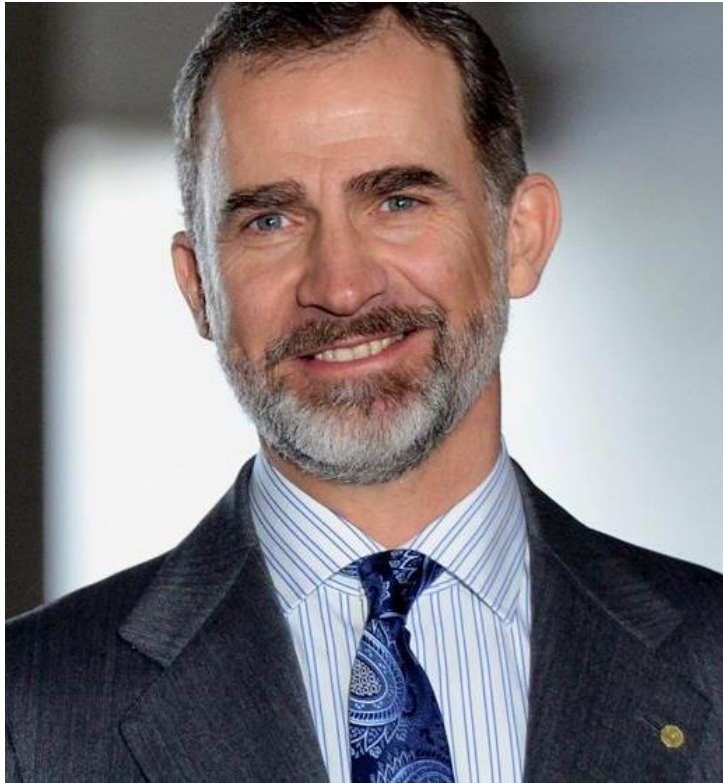
## Day 1 & 5

nº	ROOM Name	CAPACITY seated
0	Auditorium	1900
1	Madrid	328
2	Paris	180
3	Berlin	186
4	La Habana	48
5	Buenos Aires	66
6	Mexico DF	56
7	Roma	328
8	Londres	180
9	Amsterdam	104
10	Montevideo	163
11	La Paz	117
12	Caracas	100
13	Bogota	100
14	Varsovia	45
15	Praga	45
16	Estocolmo	45
17	Oslo	45
18	Budapest	24
19	Bratislava	43
20	Monaco	32
21	Luxemburgo	30

- 10 rooms for Conference sessions
- Oral/interactive presentations: 8\*3 min oral, 26 min interactive
- 22 rooms for WS/TUT
- 5 rooms for meetings (+ 2 in the hotel)



## Opening ceremony



HM King of Spain  
Felipe VI

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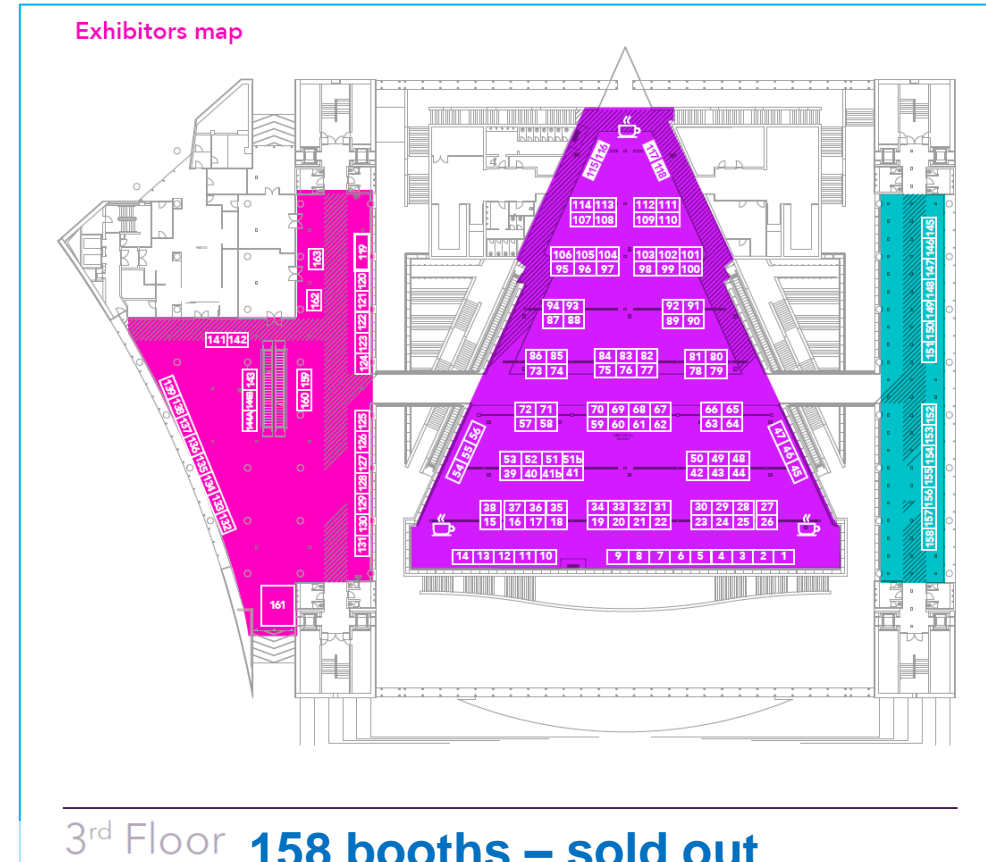
October 1-5<sup>th</sup>, 2018, Madrid, Spain



## Exhibition



**Exhibition area: 2.200m<sup>2</sup>**



**Three areas: 1) Companies, 2) EU projects and 3) R&D centers**





**Banquet: WiZink center**



## Innovations

- Pushing for new and young researchers for important talks
- Balanced gender and diversity distribution
- Free tablets with Proceedings for registered attendees
- Special scenario for the out-door competitions
- Students travel grants with important participation of countries under development
- Free public transportation during the conference for registered attendees
- Free extra social events for registered attendees



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¡Gracias!

