



# Introduction of the RSJ

**The Robotics Society of Japan (RSJ)**

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# 1. About the RSJ

■ **Establishment: January 28, 1983**

■ **Purposes:**

**Promoting progress in academic fields and providing specialists with a venue for announcing their research and sharing technical information**

■ **Activities:**

- **Publishing: Journal of the RSJ, Advanced Robotics and Texts**
- **Conferences: Annual Conference of the RSJ and Robotics Symposia (Sponsored by SICE, JSME and RSJ)**
- **Seminar: Robotics Seminar**
- **Awards: Best Paper Award, Advanced Robotics Paper Awards so on**
- **Committees: Special Interest Groups and Surveillance Committee (The Great East Japan Earthquake)**
- **Globalization: Cosponsor of IROS and Ro-man, International Education**

# Organization Map of the RSJ

## ■ General Meeting (Delegates: 59)

## ■ Board of Directors (25)

- President
- Vice Presidents
- General Affairs
- Budget and Finance
- Planning
- Publication of Japanese Journal
- Publication of International Journal
- Academic Activity
- Annual Conference
- International Affairs

- Auditors

## ■ Administration Office (5)

- Secretary General
- Staff

## ■ Committees

- Advisory Board
- Editorial Committee of the Japanese Journal
- Editorial Committee of the International Journal
- Activity Planning Committee
- International Affairs Committee
- Executive Committee of the Annual Conference
- Award Committees
- Publication Committee
- Task Force on RSJ Future Planning
- Compliance Committee, so on

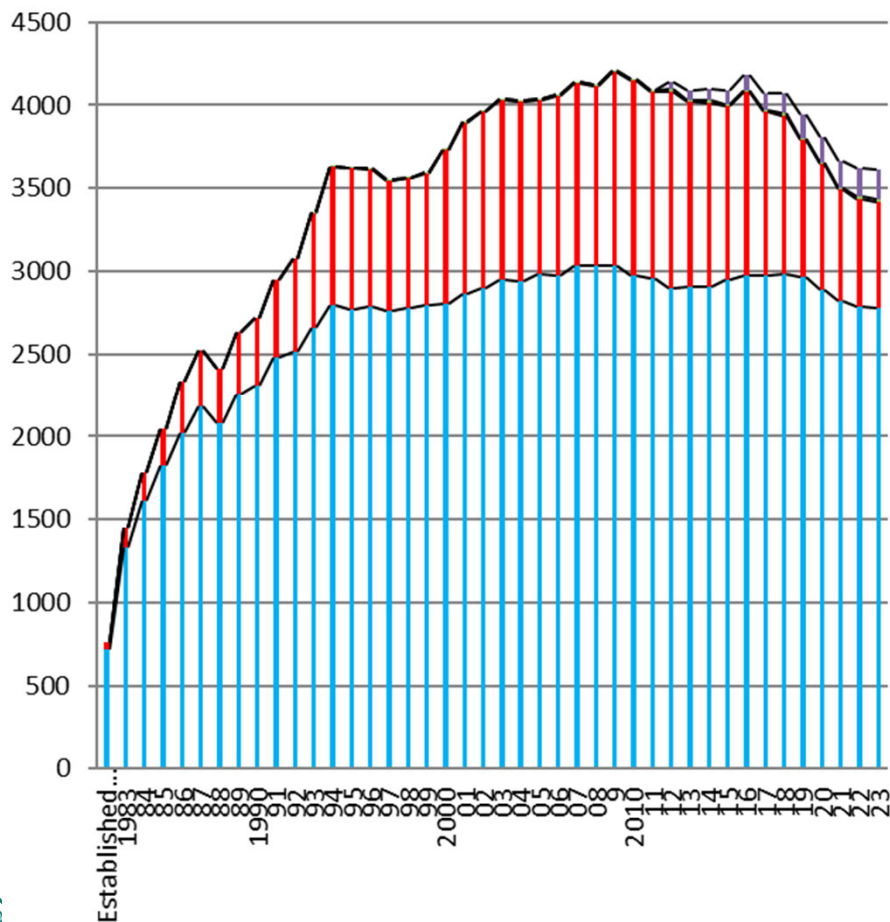
# Number of Members (at Dec. 31, 2023)

■ Number of individual members: **3,614** (Regular members: 2,775, Student members: 643, Honorary members: 13, Life members: 183)

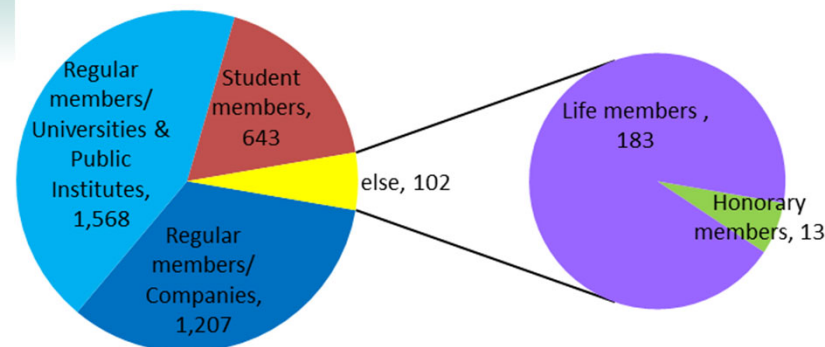
■ Number of Supporting members: **98**

### Transition of number of

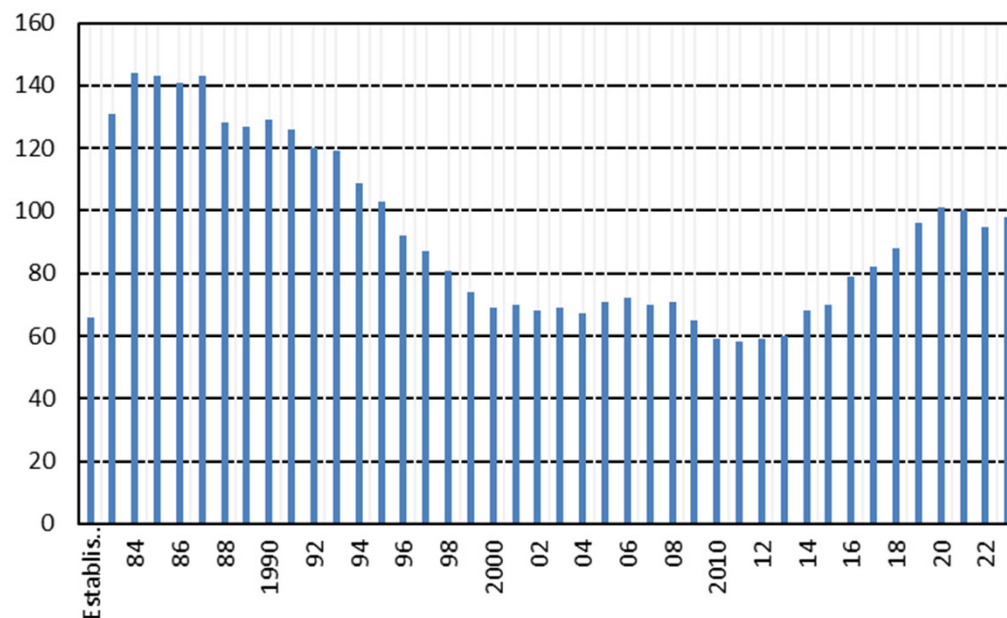
■ Life members      ■ Honorary members  
■ Student members      ■ Regular members



### Breakdown of members



### Transition of number of supporting members



## 2. Activities: Journal of the RSJ

- Journal of the RSJ: Since 1983, Last volume: 41, Published 10 issues per year
  - Carrying papers, review articles and information for members
  - All individual members can read and download the the review articles at J-Stage online archive. All papers are Open Access!



J-STAGE 資料を探す J-STAGEについて サポート&ニュース サインイン カート JA

日本ロボット学会誌 Online ISSN: 1884-7145 Print ISSN: 0289-1824

資料トップ 巻号一覧 この資料について

J-STAGEトップ / 日本ロボット学会誌 / 巻号一覧

検索 このジャーナル内を検索する 検索 OR 閲覧 36巻 1号 ページ 実行

詳細検索

巻号一覧

最新号  
選択された号の論文の17件中1~17を表示しています

メタデータをダウンロード すべての抄録を表示する

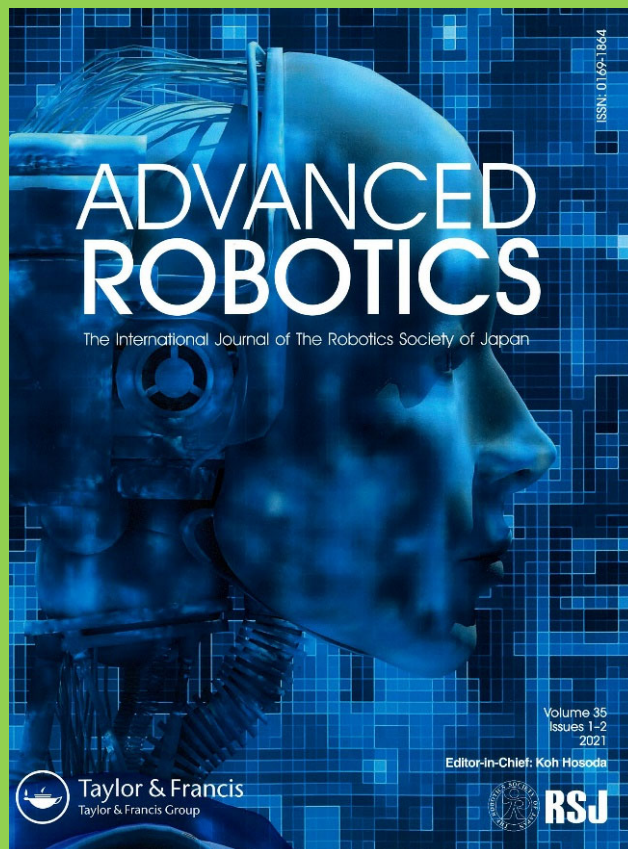
特集について

36巻 (2018)	-	「サステナブルを目指すロボティクス」特集について
1号 p. 1-		通巻 史
35巻 (2017)	+	36巻 (2018) 1号 p. 1
34巻 (2016)	+	公開日: 2018/02/16
33巻 (2015)	+	[DOI] <a href="https://doi.org/10.7210/jrej.36.1">https://doi.org/10.7210/jrej.36.1</a>
32巻 (2014)	+	ジャーナル 認証あり
31巻 (2013)	+	PDF形式でダウンロード (139K)
30巻 (2012)	+	展望
29巻 (2011)	+	サステナブルなシステムへの道
28巻 (2010)	+	神崎 隆夫
27巻 (2009)	+	36巻 (2018) 1号 p. 2-6
26巻 (2008)	+	公開日: 2018/02/16
25巻 (2007)	+	[DOI] <a href="https://doi.org/10.7210/jrej.36.2">https://doi.org/10.7210/jrej.36.2</a>
24巻 (2006)	+	ジャーナル 認証あり
23巻 (2005)	+	PDF形式でダウンロード (3885K)
22巻 (2004)	+	ロボットシステムによる持続可能な社会の実現
21巻 (2003)	+	橋本 秀紀
		36巻 (2018) 1号 p. 13-18
		公開日: 2018/02/16
		[DOI] <a href="https://doi.org/10.7210/jrej.36.13">https://doi.org/10.7210/jrej.36.13</a>
		ジャーナル 認証あり
		PDF形式でダウンロード (2537K)



# International Journal (1)

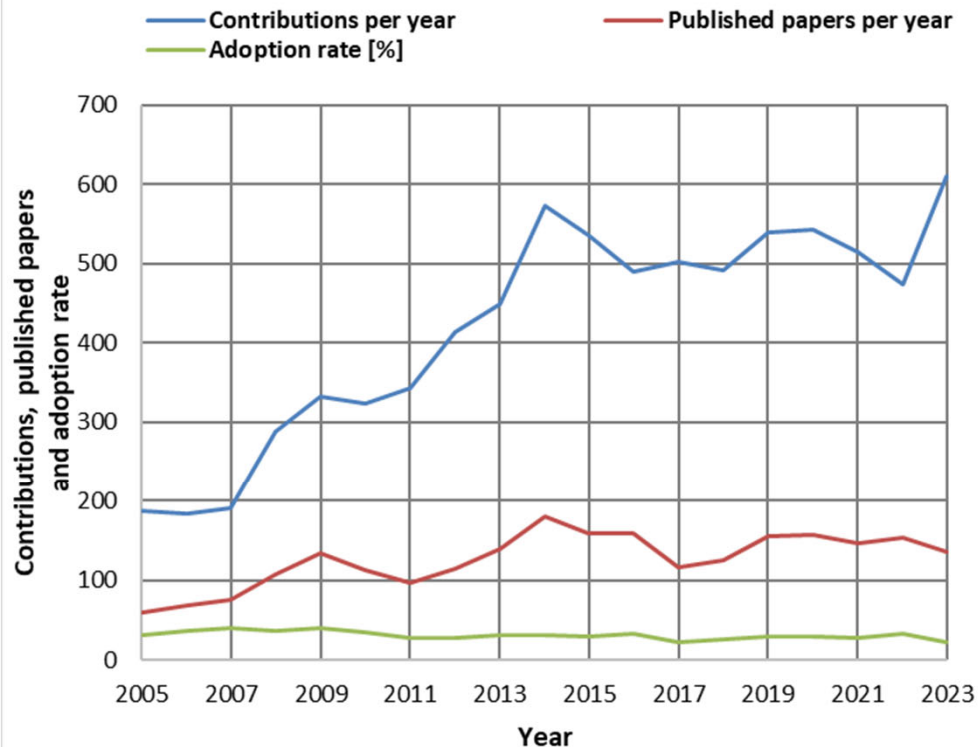
- Advanced Robotics : Since 1988, Last volume: 37,**  
**Published 24 issues per year,**  
**Publisher: Taylor & Francis**
  - **Carrying Only English papers**
  - **All individual members can read and download the papers at an online archive of Taylor & Francis.**



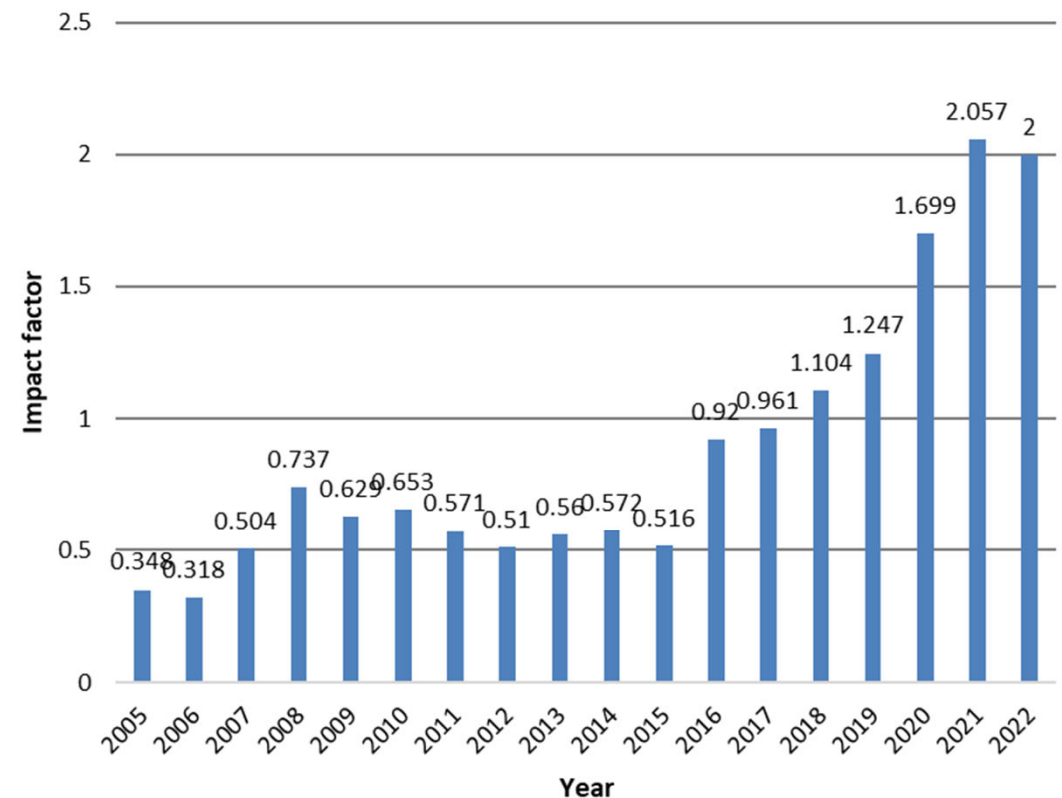
# International Journal (2)

- Number of contributions increases year by year. 609 contributions in 2023
- Impact factor of AR was 2.057 in 2021
- Contributions from Japan and East Asia are major.

### Transition of Contributions and Publishing of Advanced Robotics



### Impact factor of Advanced Robotics

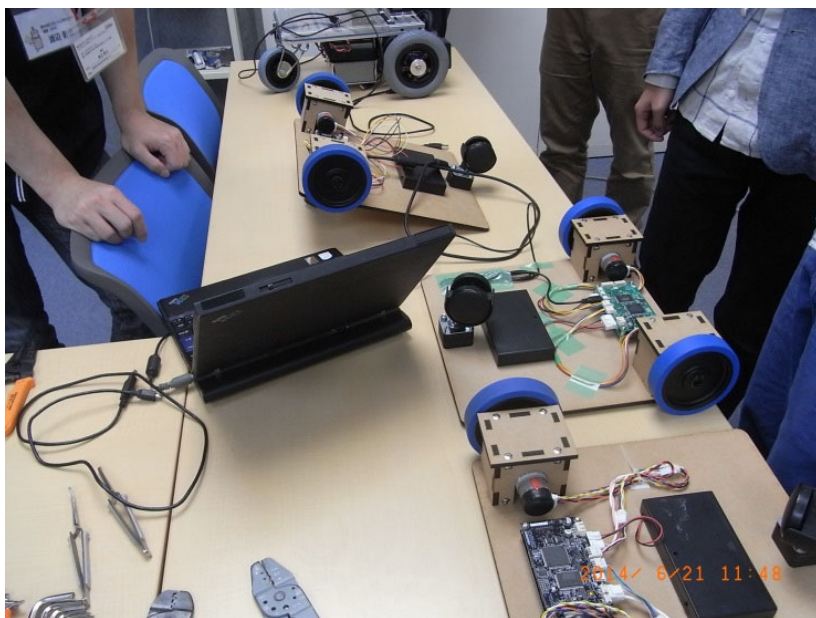






# Robotics Seminar

- Seminars that cover everything from basic to advanced technical topics
- About 7 seminars per year
- Average number of participants in one seminar: About 50
- Services for the supporting members: Free ticket and Discount ticket
- Remote seminar has been started since 2013.



# Globalization

- Cosponsorship of International conferences
- Cooperation with Asian researchers

## ■ Cosponsorship of International conferences

- IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
- International Symposium on Robot and Human Communication (Ro-Man)

## ■ Pacific-Asian Robotics Society Union (PARSU)

- Established in 2006
- Participating nations: Korea, China, Taiwan, Australia, Thailand, Singapore, Vietnam, India, Japan



## ■ Technical-sponsorship of International conferences

- International Symposium on Artificial Life and Robotics (AROB)
- IEEE International Conference on Multisensor Fusion and Integration for the Intelligent Systems (MFI)
- IEEE International Conference on Systems, Man and Cybernetics (SMC)
- International Conference on Advanced Robotics (ICAR)
- International Symposium on Robots (ISR)
- Micro Materials Conference (Micro Mat)
- International Symposium on Distributed Autonomous Robotic Systems (DARS)

# Awards

**Honoring of academic activities and contributions to society**

- **Best Paper Award**
- **Advanced Robotics Paper Awards**
- **Technical Innovation Award**
- **Young Investigation Excellence Award**
- **Excellent Research and Technology Award**
- **Excellent Presentation Award**
- **Young Researcher Excellent Presentation Award**
- **Robotics Symposia Excellent Research and Technology Award**
- **Robotics Symposia Young Investigator Excellence Award**
- **International Session Best Presentation Award**
- **Robots and Society Award**
- **Distinguished Service Award**
- **Excellent Student Award**



# Committees

## ■ Special Interest Groups: (17 committees in 2024)

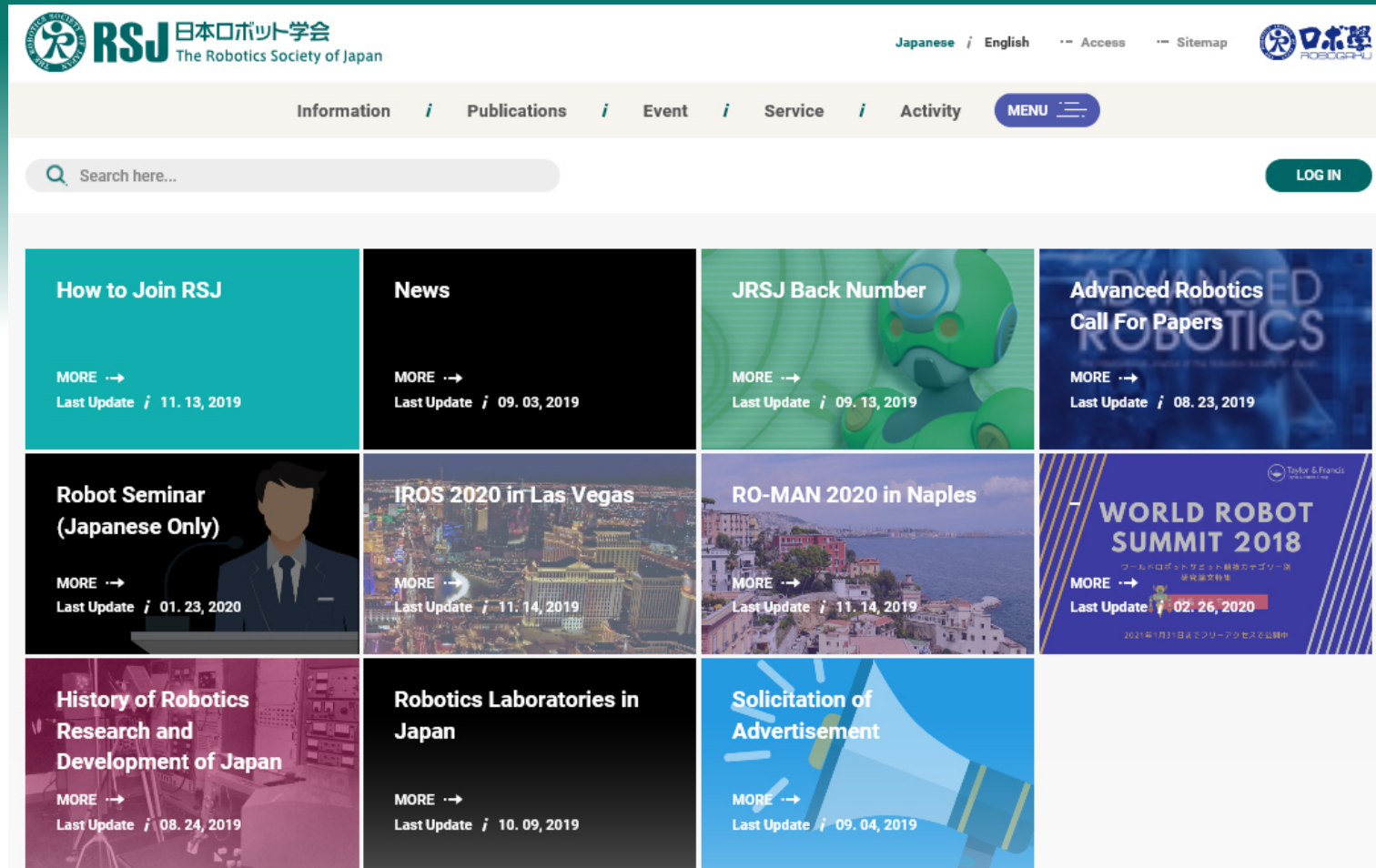
- Special Interest Group on “Children Centric Robotics”
- Special Interest Group on “General Purpose Robot Mounted Medical Devices”
- Special Interest Group on “Standard for Food Sample”
- Special Interest Group on “Performance Evaluation Engineering for Robots”
- Special Interest Group on “Care Robot”
- Special Interest Group on “Career Path Development for Young Researchers”
- Special Interest Group on “Robotic Law and Ethics”
- Special Interest Group on “Assembling Technologies for Complex and High Precision Machine”
- Special Interest Group on “Play and Robot”
- Special Interest Group on “Humanoid Robotics”
- Special Interest Group on “Soft Robotics”
- Special Interest Group on “Intelligent Home Robotics”
- Special Interest Group on “Data Engineering Robotics”
- Special Interest Group on “Network Robotics Services”
- Special Interest Group on “Human Centric Robotics”
- Special Interest Group on “Robot Technology in Hokkaido”
- Special Interest Group on “Intelligent Space”

## ■ Society Mission Committee: (5 committees in 2023)

- Disaster Response Robotics Committees (Since 2023.6)
- Industry-Academia Collaboration Committee (Since 2013. 5)
- Education Planning Committee (Since 2023.3)
- Decommissioning Robotics Committee (Since 2015. 1)
- Construction Robot Committee (Since 2013. 10)



# 3. Services on Web Site (https://www.rsj.or.jp/en)



## New RSJ Home Page was debuted in September 2019

- Top page with easy-to-read topics and important items
- Menu design for easy access to necessary information
- Publication of useful information: Individual member services, etc.

# Services on Web Site (<https://robogaku.jp/>)

Home | 日本のロボット研究室 | 日本のロボット研究の歩み

2020.02.17 随想：ロボット現役40年、いまだ修行中Vol.4)初めての田園学会で展示レクチャーなど発表【執筆】／小平紀生

2020.02.13 随想：ロボット現役40年、いまだ修行中Vol.4)初めての田園学会で展示レクチャーなど発表【執筆】／小平紀生

2020.01.30 ロボットエンジニアのためのキャリア情報誌 2020年3月号【入稿締切2月25日】

2020.01.24 随想：ロボット現役40年、いまだ修行中Vol.3)子探りの試作機開発から産ロボ事業へ【執筆】／小平紀生

2020.01.22 随想：ロボット現役40年、いまだ修行中Vol.3)子探りの試作機開発から産ロボ事業へ【執筆】／小平紀生

2020.01.17 随想：ロボット現役40年、いまだ修行中Vol.3)子探りの試作機開発から産ロボ事業へ【執筆】／小平紀生

2020.01.13 随想：ロボット現役40年、いまだ修行中Vol.3)子探りの試作機開発から産ロボ事業へ【執筆】／小平紀生

日本のロボット研究室  
Robotics Laboratories in Japan

日本のロボット研究の歩み  
History of Robotics Research and Development of Japan

日本のロボット研究室は、国内の大学、高専、国立研究所、企業等の研究所の代表的ロボティクス研究室のリンクサイトです。各研究室のTopics・研究内容の確認、キーパーソンの確認に非常に有用です。進学を考えている皆様、産学連携を考えている皆様には、特にお勧めですので、是非ご訪問ください。

日本ロボット学会は、この度ロボット研究開発アーカイブ「日本のロボット研究開発の歩み」を制作し公開致しました。これは、西暦2002年に学会創立20周年記念行事として編纂したDVD版「日本のロボット研究の歩み」を礎として、日本の優れたロボット技術を収集して後世に残すことをねらいに、論文全文とともに動画などの閲覧が可能なように制作しました。

## ROBOGAKU Home Page was debuted in September 2019

- New information media of RSJ
- Randomly publish cutting edged robotics news on Top page
- Publication of social topics concerning with robot applications
- Useful contents:
  - Robotics Laboratories in Japan (<https://robogaku.jp/en/rij/univ/>)
  - History of Robotics Research and Development of Japan (<https://robogaku.jp/en/history/all.html>)



# 4. Contribution to Education

## ■ Robot High school:

- Cooperation with the International Robot Exhibition (iREX) 2009 and 2011
- Japanese high school students experienced dismantling and operation of real industrial robots .



Robot High school

## ■ International Robotics Forum for High School Students (1st: IRH 2013 – 5th: IRH 2019)

<https://www.rsj.or.jp/en/event/irh/irh2013/report.html>

<https://www.rsj.or.jp/en/event/irh/irh2015/report.html>

<https://www.rsj.or.jp/en/event/irh/irh2017/report.html>

<https://www.rsj.or.jp/en/event/irh/irh2018/report.html>

<https://www.rsj.or.jp/en/event/irh/irh2019/report.html>

- An educational event cooperated with iREX
- Call on high school students around the world
- Interchanging between students, Survey of robots at iREX and Presentations by students



# 5. Contribution to Society: The Great East Japan Earthquake

## ■ Coopetition for a response to the Great East Japan Earthquake:

- Establish of the Surveillance Committee on Tohoku Earthquake (2011. 3)
- Cooperation with Disaster Response Robotics Task Force (volunteer action of robotics researchers and engineers) (2011. 4)
- Joint statement by the Japanese academic societies concerning with robotics (2011. 4)  
“Joint statement for application of Japanese robot technologies to the disaster responses for the Great East Japan Earthquake and the nuclear disasters of Hukushima ”

The Japan Robotics Society

The Japan Society of Mechanical Engineers: Robotics and Mechatronics Division

The Society of Instrument and Control Engineers: System Integration Division

IEEE Robotics and Automation Society, Japan Chapter

IFTToMM, Japan Council

## ■ Action of the Surveillance Committee on Tohoku Earthquake:

### ● Subcommittee for recording nuclear disaster response technologies:

- Final report (in Japanese) (2014.10)

[http://www.rsj.or.jp/databox/committees/141001saigaikiroku\\_fainal\\_zanntei.pdf](http://www.rsj.or.jp/databox/committees/141001saigaikiroku_fainal_zanntei.pdf)

### ● Subcommittee for recording general disasters response technologies:

- Interim report at the 30th Annual Conference (2012.9)