



PUCP

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INVESTIGACIONES & DESARROLLO DE ROBOTICA EN EL PERU



- Publicaciones científicas (artículos en revistas indexadas y conferencias evaluadas por pares).
- Propiedad intelectual (patente de invención, modelo de utilidad, diseño industrial, derechos de autor).
- Tesis de pregrado y postgrado.
- Paquetes tecnológicos.

PROYECTOS DE ROBOTICA GRUPO GIT - PUCP



09



11



07

- 06 Artículos en revistas indexadas
- 58 Artículos de conferencias (proceedings):
- 01 Patente de invención, 13 modelos de utilidad, 05 diseño industrial, 02 derechos de autor.
- 03 Paquetes tecnológicos.

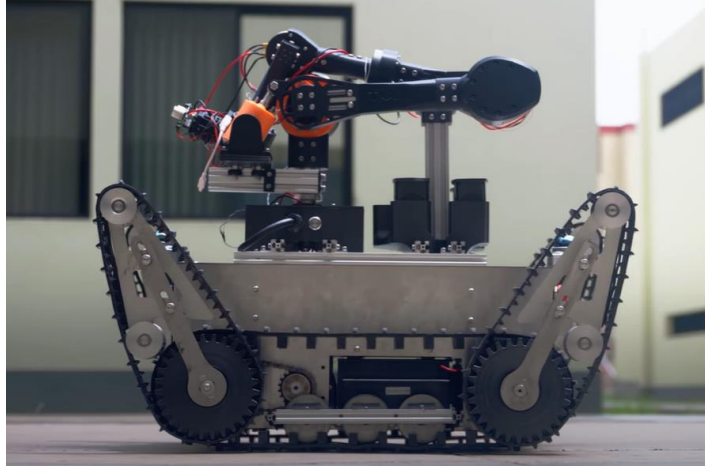
ACTIVIDADES DE ROBOTICA EN LA PUCP

Inspección Minería Subterránea



<https://youtu.be/8HeTw9C1XMY>

Inspección de Plantas Industriales



<https://www.youtube.com/watch?v=2AkcUyGZs0o>

Inspección Marítima



<https://www.youtube.com/watch?v=eeoK3nu5TSg&t=>

Cuidado de la Salud Mental



<https://www.youtube.com/watch?v=2jY09LJr3co&t=>

Limpieza de Infraestructura



<https://www.youtube.com/watch?v=Nwlm9YqiFEc>

Artículos sobre robótica en el Perú

Universidad	Cantidad
Universidad Ricardo Palma	14
Universidad Nacional de Ingeniería	12
Universidad Nacional Mayor de San Marcos	9
Pontificia Universidad Católica del Perú	4
Universidad de Lima	4
Universidad de San Martín de Porres	4
Universidad Nacional Federico Villarreal	3
Universidad Marcelino Champagnat	2
Universidad Nacional de Huancavelica	2
Universidad Católica Santo Toribio de Mogrovejo	1
Universidad Continental	1
Universidad Peruana Cayetano Heredia	1
Universidad Tecnológica del Perú	1
Total de Artículos	58

- Definir si son de revista indexadas (Q1, Q2, Q3) o de conferencia (proceedings).
- Periodo de la información

Tesis sobre robótica en el Perú

Universidad	Cantidad
Pontificia Universidad Católica del Perú	106
Universidad Nacional de Ingeniería	28
Universidad Peruana de Ciencias Aplicadas	27
Universidad Nacional de San Agustín	18
Universidad Nacional Mayor de San Marcos	16
Universidad Tecnológica del Perú	15
Universidad Nacional Del Altiplano	13
Universidad San Ignacio de Loyola	13
Universidad Ricardo Palma	10
Universidad Nacional Federico Villarreal	9
Universidad Católica de Santa María	7
Universidad Nacional Daniel Alcides Carrión	7
Universidad Nacional Pedro Ruiz Gallo	7
Universidad Nacional de Educación Enrique Guzmán y Valle	7
Universidad Nacional de Huancavelica	7

- Definir cantidad de tesis de doctorado, maestría, pregrado.
- Periodo de la información

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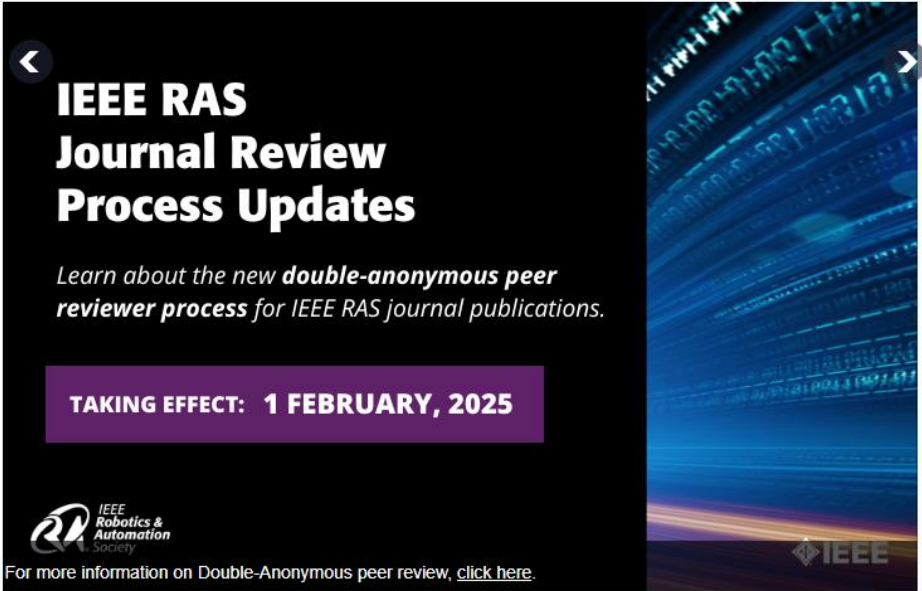
 

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A statement from the President, Past-President, and President-Elect of IEEE:
IEEE is, and remains, strongly committed to diversity, equity, and inclusion and we see no place for hatred and discrimination in our communities.



IEEE RAS Journal Review Process Updates

Learn about the new **double-anonymous peer reviewer process** for IEEE RAS journal publications.

TAKING EFFECT: 1 FEBRUARY, 2025

 For more information on Double-Anonymous peer review, [click here](#).

Latest News [View all →](#)

13 Mar 2025
2025 IEEE Robotics and Automation Awards Announced
The IEEE Robotics and Automation Society recognizes and congratulates the following...

6 Mar 2025
Robotics and Automation Magazine - Special Issue on Arts and Robotics
The Robotics and Automation Magazine (RAM) has announced a Special Issue on Arts and...

5 Mar 2025
Call for Special Issue Papers: IEEE Transactions on Automation Science and...
IEEE Transactions on Automation Science and Engineering (T-ASE) has announced...

<https://www.ieee-ras.org/>

NORMAS Y ESTANDARES DE ROBOTICA



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Standards

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[International Robotics Standards Coordination Effort](#)

[Students Participating in IEEE Robotic Standardization Efforts \(SPIRSE\)](#)

[Industry Experience](#)

[Entrepreneur Education](#)

[Industry Data & Roadmaps](#)

[IAB News](#)

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Standards

The Standing Committee for Standards Activities (SCSA) under the Industrial Activities Board (IAB) of the IEEE Robotics and Automation Society has been actively working with the research and industrial communities and other Standards Developing Organizations (SDOs) to identify areas in standards for robotics and automation that are ripe for standardization.

The scope of the activities of the IEEE Robotics and Automation Society's Standing Committee for Standards Activities (RAS-SCSA) is to formally adopt and confirm best practices in robotics and automation as standards. The Standing Committee will work with interested members of RAS in supporting standards defining activities in both established, mature application areas and nascent, emerging technologies related to robotics and automation. Within this scope, the RAS Standing Committee for Standards Activities shall pursue the following objectives:

- Promote common measures and definitions in robotics and automation
- Promote measurability and comparability of robotics and automation technology
- Promote integrity, portability, and reusability of robotics and automation technology

[Approved Standards](#)[Active Projects](#)

Industry and Government (IAB) News

- [RAS IAB Standards Committee Meets for Annual International Planning Meeting](#)

<https://www.ieee-ras.org/industry-government/standards>

RECOMENDACIONES

FASE 2: (6 – 18 MESES)

1. Crear Centros de Innovación Regionales

- Laboratorios de fabricación digital FabLabs con impresoras 3D, kits de Robótica y acceso a plataformas de IA.

FASE 3: (18 – 36 MESES)

1. Centro Nacional de Desarrollo e Investigación de Robótica.

- Investigación avanzada, fabricación de drones agrícolas y robots industriales.

<https://www.ieee-ras.org/industry-government/roadmaps>



A Robotics Roadmap for Australia...

Organization
Robotics Australia Group

Synopsis
Robotics Australia Group has created an updated edition of the Robotics Roadmap for Australia, to raise the profile of robotics in Australia, to identify the challenges and ...

Download Link
<https://roboausnet.com.au/wp-content/up...>

Date Released
22/1/2022

Region
Australia



Robotics Outlook 2030: How Inte...

Organization
Boston Consulting Group (BCG)

Synopsis
Robotics is a diverse sector with many moving parts, and what its future will look like is a complex question. To offer insight, BCG did a deep dive into the robotics ...

Download Link
<https://mkt-bcg-com-public-pdfs.s3.amaz...>

Date Released
28/6/2021

Region
Global



Colombia National Policy for Dig...

Organization
National Economic and Social Policy Coun...

Synopsis
This CONPES document formulates a national policy for the transformation digital and artificial intelligence. This policy aims to promote the generation of...

Download Link
<https://colaboracion.dnp.gov.co/CDT/Con...>

Date Released
8/11/2019

Region
Latam



The Cyber-Physical Infrastructure

Organization
Robotics Growth Partnership UK

Synopsis
Cyber-Physical Infrastructure (CPI) is an expression of this next generation of connected tools that will power societal and economic outcomes for our future. It allow...

Download Link
<https://assets.publishing.service.gov.uk/go...>

Date Released
11/2/2022

Region
UK

RECOMENDACIONES

3. Marco normativo “Robótica Ética”

- Elaborar proyecto de Ley para regular uso de la Robótica en sectores público y privado.

<https://sites.google.com/view/icra2024-robot-ethics/home>

ICRA 2024 WORKSHOP ON ROBOT ETHICS

Ethical, Legal and User Perspectives in Robotics & Automation WOROBT

May 13th Full-Day Workshop

ICRA 2024 WORKSHOP ON ROBOT ETHICS

Ethical, Legal and User Perspectives in Robotics & Automation WOROBT

May 13th Full-Day Workshop

[Sin título]



RoboLaw: Regulating Emerging ...

Organization

Scuola Superiore Sant' Anna (SSSA)

Synopsis

The aim of this report is to offer an in depth analysis of the ethical and legal issues raised by robotic applications and to provide the European and national regulators with ...

Download Link

<http://www.robotlaw.eu/>

Date Released

22/9/2014

Region

Europe

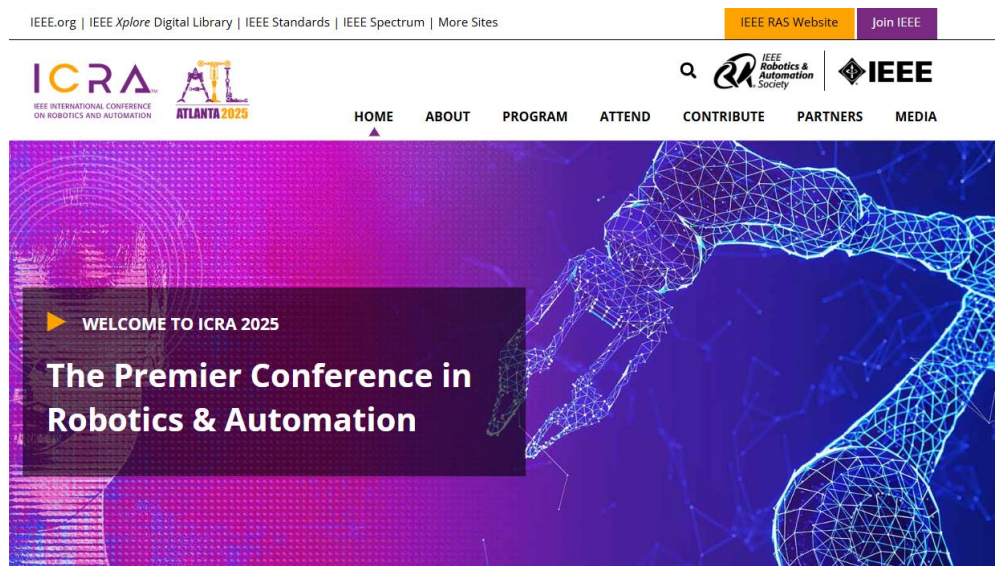
<https://www.ieee-ras.org/industry-government/roadmaps>

RECOMENDACIONES

3. Posicionamiento Internacional

- Organizar la “Cumbre Andina de Robótica en 2026”, con empresas líderes a nivel mundial.

IEEE ICRA



<https://2025.ieee-icra.org/>

IEEE IROS



<http://iros25.org/4>