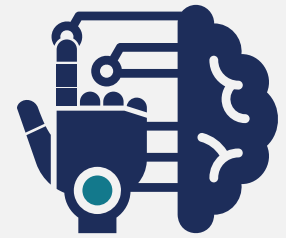


SCROLL #4

4th Project Newsletter 04/2026



MAGICIAN

AUTONOMOUS DEFECTS DETECTION
AND REPAIR IN MANUFACTURING



Dear Readers,

**Welcome to the 4th edition of
MAGICIAN Scroll!**

The year 2026 might only be 3 months old - but we can already report some great achievements and developments! Here is all you need to know about the newest MAGICIAN updates!

MAGICIAN is an EU co-funded project aspiring to shape human-robot collaboration in manufacturing towards a human-centred focus on trust and safety while making processes more efficient through automation.

At the center of the project is the development of AI-driven robotic modules for defect detection and repair in manufacturing with an emphasis on understanding and incorporating human experience, motivation and behaviour.

Without further ado, let the magic begin!



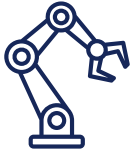
MAGICIAN UPDATES IN NUMBERS

1 *Partner Meeting*

2 *nd Open Call closed*

5 *upcoming events*

31 *st project month mark reached*



MAGICIAN Partner Meetings - Consortium Synergy in Action

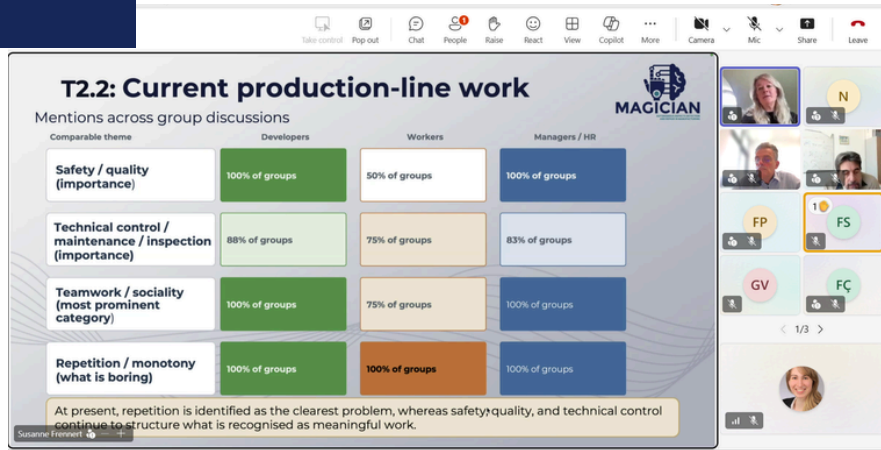


5TH PARTNER MEETING

Online

On 24 March, the MAGICIAN consortium met online for its 5th General Assembly to review progress and achievements.

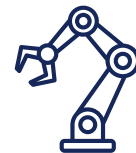
The consortium discussed the status of the collaborations of the first Open Call as well as plans for the upcoming integration weeks, where robotic components will be assembled and tested ahead of future demonstrations.



[Read more](#)



MAGICIAN Open Calls



Co-funded by the European Union

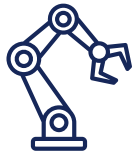
2nd Open Call in numbers

2nd Open Call closed on 1st March

- 106 applications from 27 countries
- Weekly Helpdesks: around 50 participants
- 40 Participants at OC2-Webinar
- Applicants will be notified on April 30th

2ND OPEN CALL CLOSED

Our 2nd Open Call closed on 1st March - it was a great success with 106 applications from 27 countries. In total, 50 people participated in our Weekly Helpdesks and our webinar on the Open Call was followed by 40 participants and viewed online by over 400 people. Thank you for your interest and applications! Applicants will be notified on April 30th.



MAGICIAN at Events - Innovation in Motion



 **Athens, Greece** 

THROWBACK TO GREEKS IN AI 2025



Throwback to last summer: In July 2025, our partner FORTH represented MAGICIAN at Greeks in AI 2025 in Athens, presenting two MAGICIAN-funded research works on real-time scene understanding (Y-MAP-Net) and depth-based 3D human pose estimation (D-PoSE). The event brought together AI experts from around the world to exchange ideas and strengthen collaboration. The next edition will take place from 15–17 July 2026 in Athens.

[Read more on the event here](#)

HADEA SHOWCASE EVENT 2026

 **Brussels, Belgium** 

On Monday, 19th January, policymakers, EU-funded projects and key stakeholders came together at the European Health and Digital Executive Agency (HaDEA) Showcase Event 2026 in Brussels to exchange perspectives on competitiveness and preparedness in Europe. Our Coordinator UniTrento participated in the event as well, representing the MAGICIAN project and its achievements. The 650 participants (in-person and online) followed the insights by 26 high-level speakers and discovered 14 European projects stands.



This event was an excellent opportunity to attend insightful presentations and discussions, and to engage in inspiring exchanges with other stakeholders.

[Read more on the event here](#)

 **Istanbul & Bursa,**
Türkiye 

5TH INTEGRATION WEEK AT ALTINAY & TOFAŞ



In January, MAGICIAN partners successfully completed the 5th Integration Week in Turkey, hosted by Altınay Robot Teknolojileri and TOFAŞ.

All components of the MAGICIAN robotic solutions were assembled and tested, and the training dataset was further expanded. This marks a key milestone as the project moves from isolated modules to coordinated operation in an industrial setting. The week focused on validating the Sensing Robot (SR) and Cleaning Robot (CR) workflows (from AI-based defect detection to automated rework) strengthening progress toward human-robot collaboration in demanding manufacturing environments.

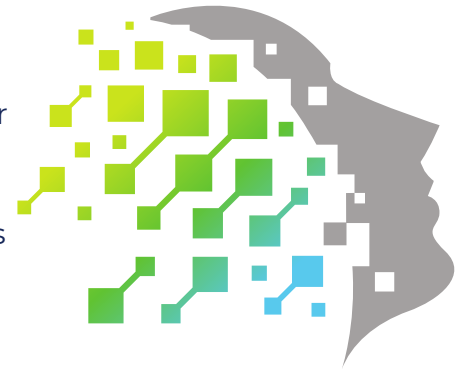
[Read more on the event here](#)

UPCOMING EVENTS - MEET US THERE!

International Conference on Learning Representations (ICLR 2026)

ICLR is one of the world's premier conferences on deep learning and representation learning, bringing together top researchers, industry leaders, and innovators to present and discuss cutting-edge work in artificial intelligence. The conference is globally renowned for its influential publications, open peer-review culture, and interdisciplinary community spanning machine learning, statistics, data science, and applied fields such as computer vision, computational biology, speech recognition, robotics, and natural language processing.

The event attracts academics, engineers, entrepreneurs, and students who are shaping the future of AI research and applications.



 **Rio de Janeiro,**
Brazil 

 **23rd - 27th April 2026**

[Read more on the event here](#)

IEEE Symposium on Artificial Intelligence for Instrumentation and Measurement (AI4IM 2026)



 **Amalfi, Italy** 

 **21st - 23rd May 2026**

This international symposium, organised by the IEEE Instrumentation & Measurement Society, brings together researchers, engineers, and industry practitioners to explore how artificial intelligence is reshaping modern instrumentation and measurement systems. The event is open to academics, innovators, technology developers, and anyone interested in the intersection of AI and advanced measurement technologies.

Highlight: Our project coordinator Uni Trento will participate as Technical Program Chair and with a methodological paper on uncertainty provisions for AI-based measurements.

[Read more on the event here](#)

IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2026)

From 25–28 May 2026, Uni Trento will represent MAGICIAN at the IEEE I2MTC 2026 in Nancy, France.

As the flagship conference of the IEEE Instrumentation & Measurement Society, I2MTC highlights the latest advances in measurement methodologies, instrumentation, sensors, and complex systems. The event gathers researchers, industry experts, and innovators to exchange insights on cutting-edge measurement science and emerging applications.

[Read more on the event here](#)



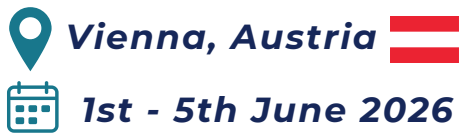
 **Nancy, France** 

 **25th - 28th May 2026**

ICRA 2026 - IEEE International Conference on Robotics and Automation



ICRA 2026 brings together globally renowned researchers and industry leaders to exchange ideas and knowledge on robotics for the benefit of global society. The event contains multiple plenary and keynote sessions, contributed paper sessions, workshops and tutorial sessions, forums, expo and exhibitions from corporates, robot competitions and social events.



[Read more on the event here](#)

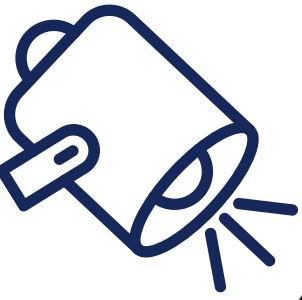
International Workshop on Human-Friendly Robotics (HFR 2026)

The 19th International Workshop on Human-Friendly Robotics (HFR 2026) will be held on 16 and 17 July 2026 in Trento and organized by the Interdepartmental Robotics Labs (IDRA), University of Trento.

The workshop scope mainly focuses on human-robot interaction and robots safely and meaningfully working with/alongside humans in various daily or industrial tasks. We aim to bring together researchers and industry working in the related areas to discuss the recent results, discoveries, applications, and challenges in the field. The workshop has a single-track format to maximize the interaction between all participants.



[Read more on the event here](#)



LUND
UNIVERSITY

SPOTLIGHT ON: LUND UNIVERSITY

Before you turn to your mails and meetings, let us present you our partner **Lund University**. Founded in **1666** and ranked among the **top 100 universities** worldwide, it brings a strong interdisciplinary environment with over **46,000 students** and a long tradition of research excellence. Through their experts in Ergonomics and Aerosol Technology, they ensure our project remains deeply human-centred and aligned with real user needs.

#1666 founded

#9 faculties and **#4** campuses

#46,000 students

#8,500 staff members

#130+ countries represented

#6,100 research publications

#10,000 students at the Faculty of Engineering (LTH)

#7 research areas in Ergonomics and Aerosol Technology

PUBLICATIONS

Last but not least:

Turn a page and check out the most recent MAGICIAN publications!

Scientific Publications:

Human-robot collaboration at work: A review of workers' experiences and interpretations across organisational, team and individual levels

by Lund University

MAGICIAN Deliverables:

D3.1 - First delivery of perception systems

D3.2 - Second delivery of perception systems (Approval from the European Commission is pending)

D4.1 - Human-Robot interfaces and intelligence

D4.2 - Grinding robot solution (Approval from the European Commission is pending)

Engage with us!



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