



INESC Capable-ID

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Welcome to the 12th edition of INESC Capable-ID, the official newsletter of INESC-ID. Great research is not always visible but its impact is everywhere. In this issue, we find it inside every smartphone, at a child's bedside, in the report on Portugal's electricity system, and with a voice in shaping Europe's research agenda. It also finds its way back home: a new centre of excellence that will transform our institute.

Spotlight



SAIL: INESC-ID leads €27.2M Centre of Excellence in Sustainable AI

Funded under Horizon Europe's Teaming for Excellence programme, the Sustainable Artificial Intelligence Laboratory (SAIL) will be a transformative project led by INESC-ID in partnership with the Max Planck Institute for Software Systems and the German Research Center for Artificial Intelligence. The goal is to build a world-class Centre of Excellence in trustworthy, sustainable AI, with a Dual PhD programme, a Living Lab, and an AI Ethics and Regulation Hub.

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Research Highlights



No longer invisible: PiCaSSo brings pediatric palliative care data to Portugal's hospitals

In Portugal, 7,828 children require palliative care. Their clinical data still lives in Excel spreadsheets, scattered across doctors and hospitals. A specialist at Hospital de Santa Maria, decided it was time to change that, and contacted INESC-ID. In just 11 months, the team built a platform that has the potential to make these patients visible to clinicians nationwide.

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Science into Policy



One Year After the Iberian Blackout: INESC-ID researchers contribute to Portugal's national electricity system report

The system is robust but its framework was built for a different era. One year after the Iberian blackout of 28 April 2025, Portugal's government published the final report of the Technical Advisory Group created to assess the national electricity system. Among the ten specialists and academics who contributed are INESC-ID researchers Pedro Carvalho e Jorge Sousa.

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Institutional Partnerships



INESC-ID joins EARTO as Full European Member

INESC-ID is now a Full Member of EARTO, the European association representing over 350 research and technology organisations across 32 countries, with a direct voice before EU institutions and policymakers. With voting rights and six working groups, covering areas from security and defence to healthcare, “joining EARTO means moving from participant to protagonist in the European ecosystem”.

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In the Media

Science as an economic driver: Arlindo Oliveira in Público

Following the SAIL announcement, Arlindo Oliveira, INESC-ID researcher and President of the INESC group, published an opinion piece in Público on what Portugal's success in the Horizon Europe Teaming for Excellence programme really means. Six national projects recently secured, and a strong case for long-term investment in science over short-term visible results.

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Awards and Recognitions



The thesis inside every smartphone: Pedro Lobo wins Best Thesis Award from APDC

Pedro Lobo's awarded master's thesis on removing undef values from LLVM IR led to technology now incorporated in every Android and iPhone app in the world. "From now on, every mobile phone in the world will use a technology developed by Pedro," says his supervisor, Nuno Lopes.

Reaching Out



INESC-ID on AI innovation, healthcare and security at SINFO33

SINFO33, Portugal's largest free technology conference, invited INESC-ID researchers to two AI panels and a job fair stand, covering projects that are designing the future, from language technologies to AI in healthcare. At the fair, an INESC-ID master's student presented her work challenging participants to distinguish a human voice from its AI clone in European Portuguese, and to clone their own.

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People of INESC-ID

Daniel Castro

Daniel's path had quite the sense of consistency. Since beginning his bachelor's degree at Técnico, he stayed committed to Computer Science through his master's and PhD. During his years at Técnico he came in contact with INESC-ID, where he is now a researcher and executive coordinator of the Security and Privacy thematic line. His thesis on transactional memory remains one of his greatest interests, a topic he aims to explore further. For Daniel, what is truly rewarding is when his research is useful to someone, allowing them to create something remarkable. When not deep in his work, he simply enjoys long walks by the seaside.



Henrique Guerra

"On the edge between computer science and mathematics", that's how Henrique begins describing his PhD research. He uses language models to prove theorems, a technique that can ensure a given programme is working properly, particularly useful in areas like health and aviation.

As a kid he made short films with his brother and friends. It didn't become a career path, but his love for filmmaking persists through frequent trips to the cinema, mainly to watch Portuguese films. When taking a break from the big screen Henrique can be found biking, reading and travelling by train, a hobby he is growing very fond of.

We Recommend

Lisbon Book Fair

It's that time of the year again. Among the scorching heat, a different ray of sunshine has risen in the heart of Lisbon: the Annual Book Fair. This ever-growing event has taken over the Eduardo VII Park and ready to entertain bookworms and non-bookworms alike with presentations, autographs, workshops, children's activities and, of course, many books. This time the programme even features late evening cinema sessions on Saturdays. Until 14 June don't forget to drop by and keep an eye out for that one novel you've been wondering about.



INESC-ID | Rua Alves Redol, 9 | 1000-029 Lisbon

Tel: +351 213 100 300 | info@inesc-id.pt | www.inesc-id.pt

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