LABORATÓRIO NACIONAL
DE ENGENHARIA CIVIL

12th International Workshop on Advanced Ground Penetrating Radar

Lisbon, 5th to 7th of July, 2023

http://iwagpr2023.lnec.pt/

About

This three-day workshop is the 12th of a biennial series of international scientific meetings aimed at exploring advancements in Ground Penetrating Radar (GPR) techniques and applications.

There will be sessions in the workshop covering (but not limited to) the following areas of GPR research, development and usage:

- Novel developments in GPR systems and antennas
- Advanced data and image processing algorithms
- Forward modelling techniques and inversion methodologies
- Archaeology and cultural heritage
- Engineering and Geotechnical applications, e.g. utility detection, road and pavement inspection, concrete evaluation, NDT, tunnelling and mining
- Geological and environmental applications, e.g. geology, sedimentology, hydrogeophysics, soil contamination, glaciology, and planetary exploration
- Security applications, unexploded ordnance and landmine detection

Organising Committee

Simona Fontul (Chair), LNEC, Portugal
Mercedes Solla (Vice-Chair), Universidade de Vigo, Spain
Vânia Marecos, LNEC, Portugal
Maria João Coelho, LNEC, Portugal
Rogério Mota, LNEC, Portugal

Important Date

15th June 2023 – Exhibitor/sponsor registration

Language

The official language of the workshop is English.

Registration

You can register for the conference through our registration system. We encourage you to do so before 31st March 2023 to benefit from early-bird rates.

Every attendee, i.e. author, exhibitor, chairperson, invited speaker, scientific committee member, is required to register for the conference. At least one author must register and attend the conference for publication of any accepted paper.

Registration Fees

For further information on registration and payments, please contact our event management team at Lisboa using iwagpr2023@lnec.pt.

	Early-bird Until 31st March 2023	Normal Until 15th June 2023	On-site
Regular	**550,00 €**	650,00 €	700,00 €
Single day*	**200,00 €**	220,00 €	250,00 €
Student*	**300,00 €**	320,00 €	350,00 €
Extra Dinner ticket	**90,00 €**	90,00 €	90,00 €

* dinner not included
Student registrations must be validated by a letter signed by the student's supervisor, emailed to iwagpr2023@lnec.pt

The registration fee includes:

- Conference program, conference proceedings and conference bag;
- Access to all areas of the conference, including oral sessions, poster sessions, and exhibition;
- Coffee breaks, lunches, and welcome reception;
- Ticket for the conference dinner.

Please make your registration online here:

Contacts

For general information or enquiries about the conference please email: iwagpr2023@lnec.pt

Venue

LNEC Congress Centre, National Laboratory for Civil Engineering
Av. Brasil 101 | 1700-066 Lisboa | Portugal

Support:

FUNDCIC Fundo para o Desenvolvimento das Ciências da Construção

Cancellation and refund policy ▶

Programme

	July, 5th	July, 6th	July, 7th
9:00	Registration	Engineering and Geotechnical applications	Forward modelling
9:30	**Course** From Ground to Cloud – The Future of GPR Processing	Engineering and Geotechnical applications	Security applications
9:45	**Course** From Ground to Cloud – The Future of GPR Processing	Engineering and Geotechnical applications	Security applications
10:00	**Course** From Ground to Cloud – The Future of GPR Processing	Engineering and Geotechnical applications	Security applications
10:15	**Course** From Ground to Cloud – The Future of GPR Processing	**Keynote 1** (Andreas Loizos)	**Keynote 2** (Sébastien Lambot)
10:30	**Course** From Ground to Cloud – The Future of GPR Processing	**Keynote 1** (Andreas Loizos)	**Keynote 2** (Sébastien Lambot)
10:45	Coffee break	Coffee break	Coffee break
11:15	**Course** From Ground to Cloud – The Future of GPR Processing	Engineering and Geotechnical applications	Geological and environmental applications
11:30	**Course** From Ground to Cloud – The Future of GPR Processing	Engineering and Geotechnical applications	Geological and environmental applications
11:45	**Course** From Ground to Cloud – The Future of GPR Processing	Engineering and Geotechnical applications	Geological and environmental applications
12:00	**Course** From Ground to Cloud – The Future of GPR Processing	Engineering and Geotechnical applications	Geological and environmental applications
12:15	**Course** From Ground to Cloud – The Future of GPR Processing	Engineering and Geotechnical applications	Geological and environmental applications
12:30	Lunch	Lunch	Lunch
14:00	Registration	Demos session & Posters	Geological and environmental applications
14:15	Opening ceremony	Demos session & Posters	Geological and environmental applications
14:30	Opening ceremony	Demos session & Posters	Geological and environmental applications
14:45	Opening ceremony	Demos session & Posters	Geological and environmental applications
15:00	Novel developments in GPR systems and antennas	Demos session & Posters	Archaeology and cultural heritage
15:15	Novel developments in GPR systems and antennas	Demos session & Posters	Archaeology and cultural heritage
15:30	Novel developments in GPR systems and antennas	Proposals for IWAGPR 2025	Coffee break and Porto wine
15:45	Novel developments in GPR systems and antennas	Proposals for IWAGPR 2025	Coffee break and Porto wine
16:00	Coffee break	Coffee break	Coffee break and Porto wine
16:30	Advanced data and image processing algorithms	Engineering and Geotechnical applications	Awards and closing ceremony
16:45	Advanced data and image processing algorithms	Engineering and Geotechnical applications	Awards and closing ceremony
17:00	Advanced data and image processing algorithms	Engineering and Geotechnical applications	Awards and closing ceremony
17:15	Advanced data and image processing algorithms	Engineering and Geotechnical applications	Awards and closing ceremony
17:30	Advanced data and image processing algorithms	Engineering and Geotechnical applications	Awards and closing ceremony
17:45	Advanced data and image processing algorithms	Engineering and Geotechnical applications	Awards and closing ceremony
18:00	Cocktail		
19:00	Dinner	Dinner	