



Marie Skłodowska-Curie Doctoral Network  
HORIZON-MSCA-2022-DN-01 GRANT-  
101119738 [www.metacmed.eu](http://www.metacmed.eu)



4 June 2025

## MetacMed: Invitation to the 2<sup>nd</sup> MetacMed Training Event and Mid-Term Meeting

Dear MetacMed member,

We are pleased to invite you to the 2<sup>nd</sup> MetacMed Training Event (TE), which will take place from June 30<sup>th</sup> to July 4<sup>th</sup> 2025 at the School of Electronic and Electrical Engineering, University of Leeds, Woodhouse Lane, Leeds, LS2 9JT, UK. **The event is kindly organized by the Beneficiary of the MetacMed project “University of Leeds”.** The **Mid-Term Meeting (MTM)** will take place within the same event, and it is scheduled for the 1<sup>st</sup> of July 2025, full day.

**The TE will mainly consist of:** (i) [ST1] Scientific School - State-of-the-art of biomedical imaging & health screening techniques, and the use of metamaterials and phononic crystals in those applications; (ii) [TS] Transferable Skills: TS2 - Speak about science - oral and written communication skills; (iii) [TT] Technical Training: 1<sup>st</sup> MetacMed Workshop - advanced ultrasonic imaging for biomedical imaging.

With speakers from **UNIVLEEDS, OrthoSens, Skills4Science**, and invited experts from academia. Full details are available in the agenda below.

Check [www.metacmed.eu](http://www.metacmed.eu) for further information.

Yours sincerely,

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# TE Agenda

Lecture room: Mechanical Engineering LT B (2.37)

	30 June 2025	1 July 2025	2 July 2025	3 July 2025	4 July 2025
9:00 - 9:30	<b>Welcome</b>	<b>Mid-Term meeting</b> (Mechanical Engineering LT B (2.37) for general sessions Electrical Engineering Rhodes LT (G.55) for restricted sessions)	<b>Electronic Systems for Ultrasound</b> <i>Speaker: Dr. David M. J. Cowell</i> UNIVLEEDS	<b>Preclinical Microbubble Imaging &amp; Therapy</b> <i>Speaker: Dr. Nicola Ingram</i> UNIVLEEDS	<b>TS2: Speak about Science - Scientific Writing</b> <i>Speaker: Ms Sofia Facal Belli</i> Skills4Science
9:30 - 10:30	<b>Introduction to Ultrasound Physics and Scanners</b> <i>Speaker: Dr. James R. McLaughlan</i> UNIVLEEDS			<b>A Metamaterial for Enhanced Monitoring of Therapeutic Ultrasound</b> <i>Speaker: Dr. Luzhen Nie</i> UNIVLEEDS	
10:30 - 11:00	<b>Break</b> (Room 2.56)		<b>Break</b> (Room 2.56)	<b>Break</b> (Room 2.56)	<b>Break</b> (Room 2.56)
11:00 - 12:00	<b>Intro to Piezo Materials</b> <i>Speaker: Prof. Andrew Bell</i> UNIVLEEDS		<b>TS2: Speak about Science - Oral Presentation Skills: Presence, BL, voice and articulation</b> <i>Speaker: Ms Sofia Facal Belli</i> Skills4Science	<b>Additive Manufacturing &amp; Biocompatibility of Materials</b> <i>Speaker: Mr Gweneal Hannema</i> OSens	<b>TS2: Speak about Science - Scientific Writing</b> <i>Speaker: Ms Sofia Facal Belli</i> Skills4Science
12:00 - 13:30	<b>Lunch</b> (Room 2.56)		<b>Lunch</b> (Room 2.56)	<b>Lunch</b> (Room 2.56)	<b>Lunch</b> (Room 2.56)
13:30 - 14:30	<b>TS2: Speak about Science - Oral Presentation Skills: Before the presentation</b> <i>Speaker: Ms Sofia Facal Belli</i> Skills4Science		<b>TS2: Speak about Science - Oral Presentation Skills: Presence, BL, voice and articulation</b> <i>Speaker: Ms Sofia Facal Belli</i> Skills4Science	<b>Demos/Hands-on</b> <i>Demonstrators: Dr. Thomas M. Carpenter, Dr. Elliott Smith and Dr. Luzhen Nie</i> UNIVLEEDS	
14:30 - 15:30	<b>TS2: Speak about Science - Oral Presentation Skills: Before the presentation</b> <i>Speaker: Ms Sofia Facal Belli</i> Skills4Science		<b>TS2: Speak about Science - Oral Presentation Skills: After the presentation: handling Q&amp;A sessions</b> <i>Speaker: Ms Sofia Facal Belli</i> Skills4Science	<b>Demos/Hands-on</b> <i>Demonstrators: Dr. Thomas M. Carpenter, Dr. Elliott Smith and Dr. Luzhen Nie</i> UNIVLEEDS	
15:30 - 16:00	<b>Break</b> (Room 2.56)		<b>Break</b> (Room 2.56)	<b>Break</b> (Room 2.56)	
16:00 - 17:00	<b>TS2: Speak about Science - Oral Presentation Skills: Before the presentation</b> <i>Speaker: Ms Sofia Facal Belli</i> Skills4Science		<b>Ultrasound Transducers, Image Quality &amp; Advanced Imaging Techniques</b> <i>Speaker: Dr. James R. McLaughlan</i> UNIVLEEDS	<b>Ultrasound Metamaterials: From Numerical Compressive Sensing to Microfabrication</b> <i>Speaker: Dr. Ashkan Ghanbarzadeh-Dagheyan</i> University of Twente, NL	
18:00 - 20:30			<b>Social Event</b> <i>Uyare</i> Victoria Gate 3 <sup>rd</sup> Floor Rooftop George Street Leeds LS2 7AU		



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## MTM Agenda

**Mechanical Engineering LT B (2.37) for general sessions**

**Electrical Engineering Rhodes LT (G.55) for restricted sessions**

<i>Time</i>	<i>Activity</i>	<i>Speaker</i>
09:00 – 09:20 AM	<b>Introduction:</b> Short introduction by the REA Project Officer Ms Lea Thiel (PO) and the Project Coordinator Dr. Stefano Laureti (COO)	PO & COO
09:20 – 10:30 AM	<b>Tour de table</b> All scientists-in-charge presenting their research team and describe their role within the network. Introduction of the Associated Partners	Beneficiaries & Partners
10:30 – 11:00 AM	<i>Coffee Break</i>	-
11:00 -11:30 AM	<b>PO Presentation:</b> presentation on the monitoring of project implementation, reporting and purpose of the mid-term check.	PO
11:30 – 12:30 PM	<b>Coordinator's report:</b> Presentation of the Network and progress	COO
12:30 – 1:30 PM	<i>Lunch Break</i>	
1:30 – 3:00 PM	<b>DCs Individual presentation</b>	DCs
3:00 – 3:15 PM	<i>Coffee Break</i>	
3:15 – 4:15 PM	<b>PO's Restricted session with DCs</b>	PO & DCs
4:15 – 4:30 PM	<b>PO's Restricted session with COO</b>	PO & COO
4:30 – 5:00 PM	<b>Feedback, open discussion, and closing</b>	All



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## Travel advice

### Getting from Manchester Airport to the University of Leeds

#### *By Train*

Trains run frequently from Manchester Airport to Leeds. The journey takes approximately 1 hour and 30 minutes. Once you arrive at Leeds Station, the University of Leeds is about a 15–20 minute walk or a short 5-minute taxi ride away. Tickets can be booked in advance via National Rail or purchased at the station.

#### *By Coach*

National Express and Megabus offer coach services from Manchester Airport to Leeds Coach Station. The trip usually takes between 2 and 2.5 hours and is a budget-friendly option. From the coach station, the university is a 10-minute taxi ride or about 25 minutes on foot.

### Getting from Leeds Bradford Airport to the University of Leeds

#### *Bus: Flyer A1 Service*

Route: The Flyer A1 bus provides a direct connection between LBA and Leeds city centre (Leeds Bus Station).

Duration: Approximately 30 minutes to the city centre.

Frequency: Buses run around every 30 minutes.

Note: Upon reaching Leeds City Centre, you can take a short taxi ride or walk to the university campus.

#### *Taxi*

Duration: Approximately 20 minutes.

Pickup Location: Head outside the terminal to the Short Stay Car Park for Uber pickups.

**Other options include traveling from London by train.**

## Suggested hotels

#### **Premier inn Leeds**

<https://www.premierinn.com/gb/en/hotels/england/west-yorkshire/leeds/leeds-city-centre-leeds-arena.html>

#### **Radisson Blu Hotel**

<https://www.radissonhotels.com/en-us/hotels/radisson-blu-leeds?galleryId=HotelGalleryList%7CHeroRegion&mediaId=gallery-overview-0>

#### **Hampton**

<https://www.hilton.com/en/hotels/lbaukx-hampton-leeds-city-centre/>