

## **5<sup>th</sup> EULAR Imaging Course**

**Amsterdam, Netherlands**

**Thursday, 23 March 2023 – Friday, 24 March 2023**



# ORGANISATION & COMMITTEE

## Scientific Organisers

- Annamaria Iagnocco (Italy)
- João Madruga Dias (Portugal)

## Co-Scientific Organiser

- Xenofon Baraliakos (Germany)

## Faculty

- Annamaria Iagnocco (Italy)
- Carmelo Messina (Italy)
- Domenico Albano (Italy)
- João Madruga Dias (Portugal)
- Nemanja Damjanov (Serbia)
- Philip Sewerin (Germany)
- Susanne Juhl Pedersen (Denmark)
- Torsten Diekhoff (Germany)

## Organising Secretariat

EULAR Office

Seestrasse 240

CH-8802 Kilchberg (Zurich)

Switzerland

T: +41 44 716 30 43

F: +41 44 716 30 39

W: [www.eular.org](http://www.eular.org) / [esor.eular.org](http://esor.eular.org)

E: [education@eular.org](mailto:education@eular.org)

## EULAR Committee

EULAR Education Committee, Live Courses & Meetings Sub-Committee

## Course Description

Thanks to its capacity to analyse tissue lesions at different sites with high accuracy, imaging represents an increasingly important area of Rheumatology. With the rapid development of technologies and the use of sophisticated and sensitive imaging modalities, optimal education in the field is nowadays a priority.

The EULAR Imaging Course is an intensive, one-and-a-half-day course focusing on different traditional and modern imaging tools, offering a comprehensive educational event on the applications, use and limitations of imaging techniques in rheumatology.

This course is highly interactive, and it is based on a combination of lectures (50%) and workshops (50%). The lectures include interactive discussion and Q&A slots. The workshops will consist of interactive learning and practical training on images and videos. Participants will be divided into small groups for optimal learning and interaction. The faculty will present images from the different modalities and will provide practical training on the technical execution and interpretation of findings. If the participants wish, they can present their cases/images and discuss them with the faculty and other colleagues.

The content of the course includes well-established but also the newest techniques in imaging rheumatic and musculoskeletal diseases (RMDs), such as conventional radiographs, ultrasound, magnetic resonance imaging (MRI), computed tomography (CT), positron-emission tomography (PET), all aspects of imaging in daily rheumatology practice, such as joints, bones, tendons, muscles, vessels, skin, and salivary glands.

### Learning objectives

- To provide a better understanding of the imaging modalities used for the diagnosis, monitoring and treatment decision-making in RMDs, as part of the basic requirements for daily clinical practice and clinical/translational research
- To promote the acquisition of solid knowledge on imaging
- To foster education and training of trainees and consultants on imaging modalities
- To simulate networking activities during breaks, promoting interactions and ideas exchange about imaging topics
- To offer practical workshops for course attendees to actively participate, both discussing clinical cases and images, but also bringing their own material and sharing expertise and knowledge

## General Information

### Course venue & accommodation

NH Amsterdam Schiphol  
Kruisweg 495, Hoofddorp  
2132 NA Amsterdam

### Course dates

Thursday, 23 March 2023 (Start at 11:30) – Friday, 24 March 2023 (Ends at 13:00)

### Official language

English

### Maximum participants

30

## Course fee

**350 €** (VAT included), package includes:

#### Thursday, 23 March 2023

- Full access to the Course
- Coffee breaks
- Lunch
- Dinner
- 1-night accommodation

#### Friday, 24 March 2023

- Full access to the Course
- Coffee break

*The course fee quoted is a package price; therefore, the usage of the accommodation is highly recommended. For participants who would prefer not to utilise the accommodation, a discount of 50 € will be given.*

## Certification

After the course, all participants who have successfully completed the course will receive a certificate of attendance on their EULAR School user account. 100% course attendance is required.

## Registration

### Application requirements / Target audience

No prerequisites. This is an educational activity targeting trainees, residents, fellows, but also young and experienced rheumatologists who want to improve their knowledge and expertise in the field of imaging in rheumatology.

### Registration process

**Online:** <https://esor.eular.org/course/view.php?id=385>

Please login to your EULAR School of Rheumatology account to register. If you do not have a School account, you will need to create one before applying.

**Registration deadline:** 12 February 2023

Early registration is advisable. Number of participants is limited.

### Bursary

EULAR grants **5 bursaries** in the amount of **EUR 350 each**. Please apply with your motivation letter, CV, and publication list (if any) within the registration system.

**Bursary application deadline:** 31 January 2023

**Notification:** Mid-February 2023

# Detailed Programme

## Day 1 – Thursday, 23 March 2023

Time	Type of session & Title	Speakers
10:30 – 11:30	REGISTRATION	
11:30 – 11:35	Welcome session and presentation of the course 5'	
	<b>Topic: Ultrasonography</b>	
11:35 – 12:05	<b>MSK Pathology and guided procedures in rheumatic diseases</b> 30'	J. Madruga Dias
12:05 – 12:35	<b>Ultrasound in Salivary glands, Skin and Vessels</b> 30'	A. Iagnocco
12:35 – 12:55	<b>What is New in ultrasound imaging of RMDs?</b> 20'	N. Damjanov
12:55 – 13:05	<b>Discussion</b> 10'	
13:05 – 13:50	LUNCH 45'	
13:50 – 15:30	<p><b>Workshop on Ultrasound</b> - 90' + 10' for room changing and logistics</p> <p>Learn how to read and interpret US images, discuss challenging cases</p> <p>(3 groups, 30 min with each speaker: one speaker for upper limb pathology images, one speaker for lower limb pathology images, one speaker for salivary glands, skin, and vessels)</p>	A. Iagnocco, J. Madruga Dias, N. Damjanov
	<b>Topic: MSK Peripheral Imaging</b>	
15:30 – 15:50	<b>Peripheral MSK Radiography and MRI Basics and Anatomy</b> 20'	N. Damjanov
15:50 – 16:10	<b>Peripheral MSK Radiography Pathology</b> 20'	J. Madruga Dias
16:10 – 16:30	<b>Peripheral MSK MRI Pathology</b> 20'	P. Sewerin
16:30 – 16:40	<b>Discussion</b> 10'	
16:40 – 16:55	COFFEE BREAK 15'	

<p><b>16:55 – 18:25</b></p>	<p><b>Workshop on Peripheral MSK Imaging - 90' + 10'</b> for room changing and logistics</p> <p>(3 groups, 30 min with each speaker: 1 speaker more focused on peripheral pathology radiography images, 1 speaker for peripheral pathology MRI images, 1 speaker for challenging cases)</p>	<p>J. Madruga Dias, N. Damjanov, P. Sewerin</p>
<p><b>Topic: MRI Fusion Imaging &amp; MRI WIN</b></p>		
<p><b>18:25 – 18:45</b></p>	<p><b>MRI Fusion Imaging in Rheumatology 20'</b></p>	<p>T. Diekhoff</p>
<p><b>18:45 – 19:15</b></p>	<p><b>What Is New in MRI of RMDs? 30'</b></p>	<p>D. Albano</p>
<p><b>20:00</b></p>	<p><b>DINNER</b></p>	

## Day 2 – Friday, 24 March 2023

Time	Type of session & Title	Speakers
	<b>Topic: MSK Axial Imaging</b>	
08:00 – 08:20	<b>MSK Axial Radiography and MRI Basics and Anatomy 20'</b>	S. Juhl Pedersen
08:20 – 08:40	<b>MSK Axial Radiography Pathology 20'</b>	C. Messina
08:40 – 09:00	<b>MSK Axial MSK MRI Pathology 20'</b>	P. Sewerin
09:00 – 09:10	<b>Discussion 10'</b>	
09:10 – 10:50	<b>Workshop on Axial MSK Imaging - 90' + 10' for room changing and logistics</b>  (3 groups, 30 min with each speaker: 1 speaker more focused on axial pathology radiography images, 1 speaker for axial pathology MRI images, 1 speaker for challenging cases)	C. Messina P. Sewerin S. Juhl Pedersen
10:50 – 11:05	<b>COFFEE BREAK 15'</b>	
	<b>Topic: CT scan</b>	
11:05 – 11:25	<b>CT scan basics and pathology in Rheumatic Diseases 20'</b>	C. Messina
11:25 – 11:45	<b>CT Fusion Imaging, DECT &amp; FDG-PET/CT and What Is New in CT Imaging of RMDs 20'</b>	D. Albano
11:45 – 11:55	<b>Discussion 10'</b>	
11:55 – 12:50	<b>Workshop on CT scan – 25' + 5' for room changing and logistics</b>  (2 groups, 25 min with each speaker: 1 speaker for lung CT scan images and 1 speaker for Fusion/DECT & CT/PET images)	C. Messina D. Albano
12:50 – 12:55	<b>CLOSING SESSION &amp; GROUP PHOTO</b>	
12:55 -	<b>DEPARTURE</b>	

Any changes to the scientific programme or to the list of speakers are possible until the date of course. Further updates will be published on the [EULAR School of Rheumatology](#).