



*Ankle and
Foot imaging*
**MUSCULOSKELETAL
RADIOLOGY**
JUNE 22-24
BILBAO - SPAIN

**ESSR
2023**

FINAL PROGRAMME

www.essr2023.org



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María José Ereño, Silvia Martín, Eva Llopis.

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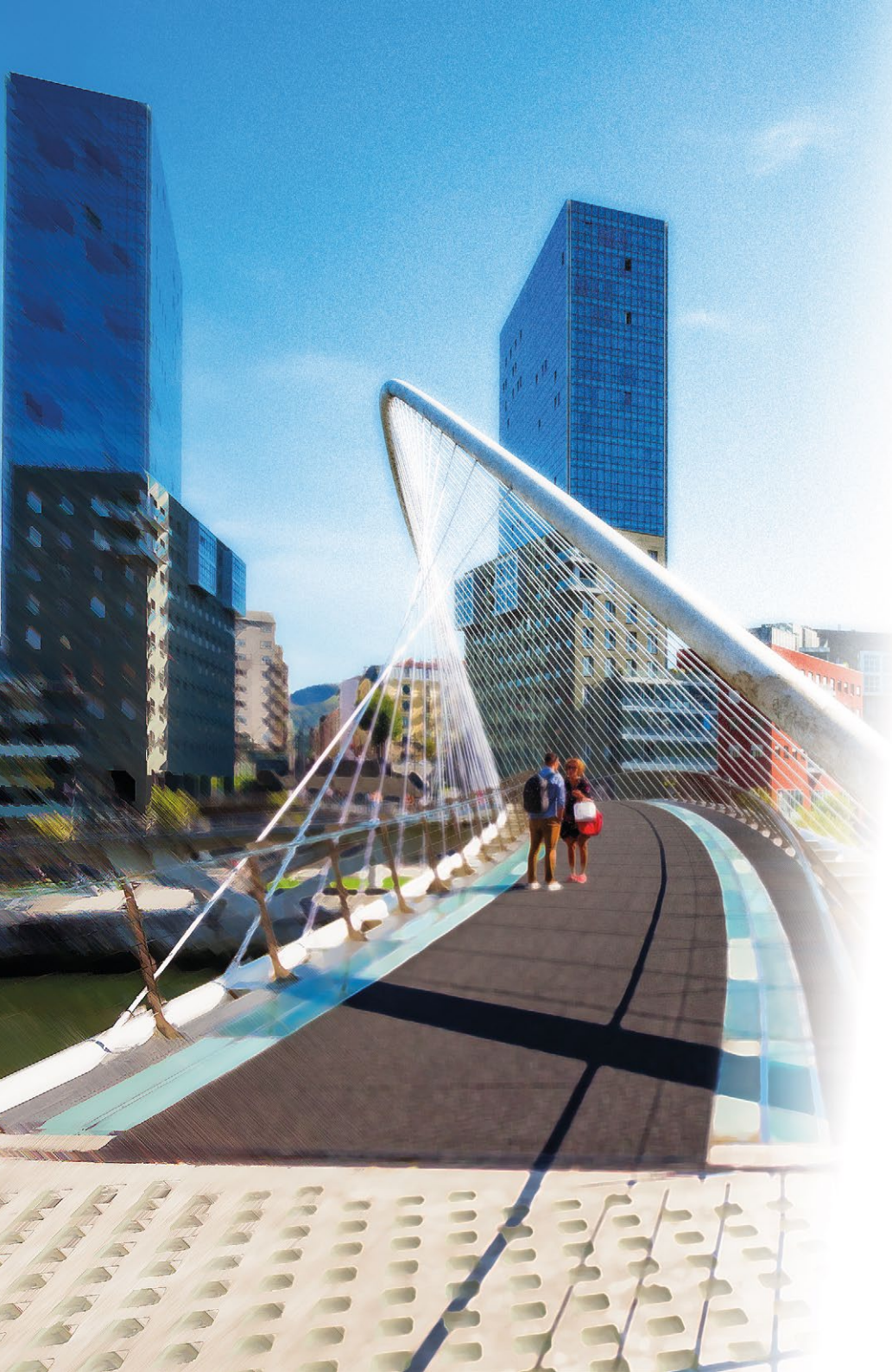
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Imaging Guided Intervention: T. Le Corroller (FR)

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WELCOME!

On behalf of the ESSR, it is a great pleasure to welcome you all in Bilbao at the occasion of our 30th Annual Meeting.

As you all know this year's main topic will focus on "Ankle and Foot Imaging". We will be reviewing the most significant imaging advances from a multidisciplinary perspective. Our subcommittees have also prepared very interesting programs that will give updates on hot topics in their specialized fields. Of course, scientific sessions and electronic posters covering all aspects of musculoskeletal imaging will be available. In addition to the classic ultrasound course, three other workshops focussing on Spondyloarthritis, Artificial Intelligence and Subcommittees workshops will be available at the pregress program on Thursday.

Bilbao is a city in vogue. It has become a popular destination for business, tourism, and leisure. It is famous for its quality of life including its internationally famous restaurants. Here you will have the opportunity to walk on the riverside, go to the beach, explore the green landscapes of the Basque Country, taste our wines and our famous "pintxos" (a unique Basque version of tapas) in the beautiful old town.

Bilbao is particularly well known for its avant-garde contemporary designs and fascinating architecture, especially the Guggenheim Museum Bilbao (designed by Franck Gehry), but also the Fine Arts Museum, the Azkuna Zentroa (by Philippe Starck), the Zubizuri Bridge and the airport by Calatrava and the Isozaki Towers.

The spectacular conference venue and the surrounding hotels are prepared to receive all of you, and for those that cannot join us the congress will be streamed for online attendees, who will have the opportunity to follow all the sessions.

We trust that the combination of scientific and educational excellence provided in an inspiring setting facilitates the informal exchange of knowledge and ideas. Congress participants will be welcomed on Friday at the Welcome Reception in the congress venue, and the gala dinner on the seaside of the Real Club Marítimo del Abra on Saturday.

We are looking forward to welcoming you personally, meeting old and new friends, and increasing scientific collaborations.

Congress Presidents

María José Ereño, Silvia Martín, Eva Llopis

ROOM 0D & 3H

Ultrasound Workshop-Anatomy Live Demo

10:00
11:15
Basic lectures: Normal anatomy, scanning techniques & Live demo

11:15
12:15
Hands-on
ROOM 3H

12:15
13:15
Lunch

13:15
14:30
Advanced lectures I

14:30
14:45
Break

14:45
16:00
Advanced lectures II

16:00
16:15
Break

16:15
17:15
Hands-on
ROOM 3H

ROOM 0A

Artificial Intelligence and MSK imaging

12:00
14:30
Artificial Intelligence and MSK Imaging

Spondyloarthropathies Workshop

15:30
15:45
Introduction to the Workshop

15:45
16:45
Protocols and typical SIJ and spine findings

16:45
17:00
Break

17:00
17:30
Main Differential Diagnoses

17:30
18:00
Juvenile-SpA

18:00
Remarks and conclusion

ROOM 0C

Subcommittee Workshop

14:00
14:30
Inflammatory Subcommittee Session

14:30
15:00
Intervention Subcommittee Session

15:00
15:30
Metabolic Subcommittee Session

15:30
15:45
Pediatric Subcommittee Session

15:45
16:00
Ultrasound Subcommittee Session

16:00
16:30
Tumours Subcommittee Session

16:30
17:00
Sports Subcommittee Session

17:00
17:30
Spine Subcommittee Session

17:30
18:00
Ultrasound Subcommittee Session

Friday 23, June 2023

	ROOM 0B		ROOM 0D
08:00 09:30	Inauguration ESSR 2023		
09:30 11:00	Sprain Injuries of the Ankle	09:30 11:00	Pediatric Subcommittee Session
11:00 11:30	Coffee break	11:00 11:30	Coffee break
11:30 13:00	Midfoot Ligaments and Sprain Complications	11:30 13:00	Intervention Subcommittee Session
13:00 14:00	Industry Lunch Symposium	13:00 14:00	Break
14:00 15:00	Scientific Session - Sports	14:00 15:00	Scientific Session - Nerve & US
15:00 16:30	Ankle and Foot Variants and Deformities	15:00 16:30	Tumours Subcommittee Session
16:30 17:00	Coffee break	16:30 17:00	Coffee break
17:00 18:30	Fractures of the Ankle and Foot	17:00 18:30	Young Club Session - Learning Through Cases- Upper Limb, Interactive Session
18:30 19:30	Welcome Reception		

Saturday 24, June 2023

	ROOM 0B		ROOM 0D		ROOM 0C
08:00 09:30	Forefoot Session	08:00 09:30	Osteoporosis and Metabolic Subcommittee Session	08:00 09:30	Scientific Session - Tumours
09:30 10:00	Coffee break	09:30 10:00	Coffee break	09:30 10:00	Coffee break
10:00 11:00	Scientific Session - AI & Techniques	10:00 11:00	Scientific Session - Sports	10:00 11:30	Spine Group Master Class
11:00 12:30	Tumours, Infectious, Inflammatory Session	11:00 12:30	Sports Subcommittee Session	11:30 12:30	Scientific Session - Spine
12:30 13:30	Industry Lunch Symposium	12:30 13:30	Break	12:30 13:30	Break
13:30 15:00	Muscle & Tendon Injuries of the leg	13:30 15:00	Arthritis and Inflammatory Subcommittee Session	13:30 15:00	Scientific Session - Intervention
15:00 15:15	Coffee Break	15:00 15:15	Coffee Break	15:00 15:15	Coffee Break
15:15 15:30	Outlook 2024, Lugano				
15:30 16:30	ESSR Quiz				
16:45 18:30	ESSR General Assembly				

Ultrasound Workshop-Anatomy Live Demo

10:00 - 17:15

ROOM 0D & 3H

Welcome to the Ultrasound course at ESSR 2023. You will enjoy a friendly training day and learn about Ultrasound technique and foot and ankle disorders.

During the morning, you will be able to participate in the basic training program with lectures and hands on dedicated to main ankle tendon and ligament assessment.

After the Spanish lunch, the session will focus on foot and ankle disorders with practical case studies.

At the end of the day, we will hold a final training session to improve your skills in the Ultrasound assessment of forefoot structures and nerves.

Best regards,
Dr. Lionel Pesquer - Ultrasound Course Organizer

10:00 – 11:15 – Basic lectures: Normal anatomy, scanning techniques & Live demo

L. Pesquer (France), S. Martín (Spain)

Medial ankle ligaments

V. Chianca (Switzerland)

Lateral ankle ligaments

F. Di Pietto (Italy)

Flexor muscles and tendons

ž. Snoj (Slovenia)

Peroneal muscles and tendons

P. O'Connor (United Kingdom)

Plantar structures of the foot

S. Gitto (Italy)

11:15 – 12:15 – Hands-on

12:15 – 13:15 – LUNCH

13:15 – 14:30 – Advanced lectures I

A. Plagou (Greece), L. Muntaner (Spain)

Peroneal tendon Instability

L. Pesquer (France)

Synovial disorders of Ankle Tendons Sheaths

R. Campbell (United Kingdom)

Distal TTP pathologies and spring ligaments tears

R. Mansour (United Kingdom)

Plantar fascia injuries

A. Klauser (Austria)

Achilles tendinopathy: Pre- and post-operative assessment

D. Albano (Italy)

14:30 – 14:45 – BREAK

14:45 – 16:00 – Advanced lectures II

E. Gerety (United Kingdom), P. Meyer (France)

Lateral ankle sprains

G. Allen (United Kingdom), D. Wilson (United Kingdom)

Sinus tarsi and Chopart ligaments

R. Picasso (Italy)

Nerves of ankle and foot

F. Lapegue (France)

Plantar plate tears

M. Fernández (Spain)

Morton neuroma and intermetatarsal bursitis

F. Ruiz Santiago (Spain)

16:00 - 16:15 - BREAK

16:15 – 17:15 – Hands-on

Artificial Intelligence and MSK Imaging Workshop

12:00 - 14:30

ROOM 0A

We are thrilled to have you at the 2nd Artificial Intelligence on MSK Imaging Workshop in Bilbao. New trends will be presented and thereafter there will be a Round-Table discussion with experts on this exciting topic.

12:00 – 13:40 – Artificial Intelligence and MSK Imaging

P. Omoumi (Switzerland), M. Huisman (The Netherlands)

Key tasks for AI in MSK imaging

J. Feydy (France)

AI-Radiomics in MSK oncology imaging: A review of the literature

M. Lacroix (France)

AI in rheumatology imaging: Where are we?

T. Diekhoff (Denmark)

AI in orthopedic imaging (measures – fractures): Where are we?

V. Bousson (France)

Other non-interpretative AI applications (workflow, image production)

M. Huisman (The Netherlands)

Round table with interactive discussion

B. Rizk (Switzerland)

AI in MSK radiology: Where do we stand, where do we go?

P. Omoumi (Switzerland), M. Huisman (Netherlands), J. Feydy (France), M. Lacroix (France), T. Diekhoff (Denmark), V. Bousson (France), M. Huisman (The Netherlands), B. Rizk (Switzerland), G. D'Assignies (France), A. Parpaleix (France), L. Lassalle (France), M. Di Franco (Austria)

Spondyloarthropathies Workshop

15:30 - 18:00

ROOM 0A

SpA Workshop

C. Giraudo (Italy), L. Jans (Belgium)

Typical findings of axial SpA in different imaging modalities will be addressed using interactive cases-discussion. You bring your own laptop, and we provide you a PACS-like environment to have a look at each case before we will solve it together. The adequate SIJ and spine protocols for each case as well as the role of advanced MR imaging will be discussed. With a mixture of clear-cut and more challenging cases, the main differential diagnoses will also be reviewed.

As a bonus, the typical findings of juvenile-SpA at imaging, including similarities and differences with adults will be discussed using case studies. Characteristics of age-related features at imaging, which may affect the assessment of pediatric patients, will be examined.

15:30 – 15:45 – Introduction to the Workshop

W. Huyse (Belgium), N. Herregods (Belgium), F. Díez Renovales (Spain), F. Laloo (Belgium)

15:45 – 16:45 – Protocols and typical SIJ and spine findings

W. Huyse (Belgium), N. Herregods (Belgium), F. Díez Renovales (Spain), F. Laloo (Belgium)

16:45 – 17:00 – BREAK

17:00 – 17:30 – Main Differential diagnoses

W. Huyse (Belgium), N. Herregods (Belgium), F. Díez Renovales (Spain), F. Laloo (Belgium)

17:30 – 18:00 – Juvenile-SpA

W. Huyse (Belgium), N. Herregods (Belgium), F. Díez Renovales (Spain), F. Laloo (Belgium)

18:00 – Remarks and conclusion

Subcommittee Workshop Session

14:00 - 18:00

ROOM 0C

Subcommittee Workshop

G. Thompson (United Kingdom), D. Orlandi (Italy)

Pre-congress interactive case-based course including the whole field of MSK radiology organized jointly by all subcommittees of the ESSR. Interesting cases varying from basic to advanced level will be presented by an international faculty. Participants may quiz their knowledge and learn new things from experts in the field.

14:00-14:30 – Inflammatory Subcommittee Session

A. Shah (United Kingdom), Y. Berkowitz (United Kingdom)

14:30-15:00 – Intervention Subcommittee Session

J. Daffina (Italy), P. Martel (Spain)

15:00-15:30 – Metabolic Subcommittee Session

A. Novais de Carvalho (Portugal), E. Kariki (United Kingdom)

15:30-15:45 – Pediatric Subcommittee Session

G. Boitsios (Belgium)

15:45-16:00 – Ultrasound Subcommittee Session

D. Orlandi (Italy)

16:00-16:30 – Tumours Subcommittee Session

K. Vilanova (Spain), S. Gitto (Italy)

16:30-17:00 – Sports Subcommittee Session

A. Vieira (Portugal), G. Thompson (United Kingdom)

17:00-17:30 – Spine Subcommittee Session

R. Choudhary (United Kingdom), S. Al-Qassab (United Kingdom)

17:30-18:00 – Ultrasound Subcommittee Session

B. Horehledova (The Netherlands), R. Chari (United Kingdom)

ROOM 0B

08:00 - 09:30 Inauguration ESSR 2023
E. Llopis (Spain), M. J. Ereño (Spain)

Welcome from Society President & Congress President
C. Martinoli (Italy)

How to manage the overload of MSK exams in a radiological department, perspective of different health entities

United States perspective

M. Recht (USA)

United Kingdom perspective

V. Cassar Pullicino (United Kingdom)

French perspective

J. Luc Drape (France)

Honorary Membership for Ian Beggs

E. McNally (United Kingdom)

Honorary Membership for Mario Padrón

F. Aparisi Rodríguez (Spain)

09:30 - 11:00 Sprain Injuries of the Ankle
C. Chung (USA), J. Vilá (Spain)

Current concepts in ankle instability: The surgeon's view

J. Vilá (Spain)

Syndesmosis injuries

M. de Jonge (The Netherlands)

Lateral Sprain injuries

M. de Maeseneer (Belgium)

Medial Sprain Injuries

E. Llopis (Spain)

Retinaculum ankle injuries

A. Cotton (France)

Postsurgery of the ankle ligaments

L.F. Cerezal (Spain)

Case Discussion: My best ankle sprain case

C. Chung (USA)

Discussion, Q&A

11:00 - 11:30 COFFEE BREAK

11:30 - 13:00 Midfoot Ligaments and Sprain Complications
X. Tomás (Spain), G. Bierry (France)

Midfoot injuries, chopart joint

M. Maas (Netherlands)

Lisfranc injuries

S. Waldt (Germany)

Sinus tarsus

F. del Grande (Switzerland)

Peroneal tendon injuries

A. Karantanas (Greece)

Impingement of the ankle , intraarticular

P. Robinson (United Kingdom)

Osteochondral lesions

J. Griffith (Hong Kong)

Post surgery of the osteochondral lesions, midfoot

M. Fox (USA)

Discussion, Q&A

13:00 - 14:00 Industry Lunch Symposium

14:00 - 15:00 Scientific Session - Sports
L. Xiaoming (Hong Kong), M. Padrón (Spain)

Wrist instability after sectioning the different components of the scapholunate ligament and DCSS using a cadaveric model.

M. de Maeseneer (Belgium)

Correlation of weight-bearing CT and MRI findings in Flatfoot Deformity.

R. Donners (Switzerland)

Relationships between knee cartilage thickness and subchondral bone mineral density in young and healthy subjects.

M. Donalisio (Switzerland)

Prevalence of musculoskeletal injuries in symptomatic elite professional female soccer players.

A. Serfaty (Brazil)

Comparison of Talus Displacement in Supine and Orthostatic MRI Results in Young Adults with and without Ankle Injuries.

J. Daffinà (Italy)

Discussion, Q&A

15:00 - 16:30 Ankle and Foot Variants and Deformities
K. Friedrich (Austria), E. Gerety (United Kingdom)

Pediatric foot

E. Inarejos (Spain)

Coalitions

P. Simoni (Belgium)

Flat foot of the adult and spring complex injuries

A. Hirschmann (Switzerland)

Posterior tibialis tendon injuries

L. Sconfienza (Italy)

Anterior tibialis tendon injuries

F. Zaottini (Italy)

Mueller Weiss disease

J. Carrascoso (Spain)

Accessory bone in the ankle and foot

Y. Litinskaya (Ukraine)

Accessory muscle in the ankle and foot

M. P. Aparisi (Spain)

Discussion, Q&A

16:30 - 17:00 COFFEE BREAK

17:00 - 18:30 Fractures of the Ankle and Foot
A. Heuck (Denmark), N. Saus (France)

Artificial intelligence for the diagnosis on fractures

A. Feydy (France)

Value of pseudoCT like sequences

A. Gersing (Germany)

Malleolar fractures

D. Müller (Germany)

Calcaneal fractures

G. Bierry (France)

5th metatarsal fractures

I. Boric (Croatia)

Difficult occult fractures of the ankle and foot

M. Andriaensen (The Netherlands)

Stress fractures

K. Woertler (Germany)

Traumatic and non-traumatic BME of the foot

P. Szaro (Sweden)

Discussion, Q&A

ROOM 0D

09:30 - 11:00 Pediatric Subcommittee Session
H. Umans (USA), M.P. Aparisi (Spain)

Imaging of sport knee injury in children: Some challenging cases

A. Vieira (Portugal)

Advances in pediatric hip imaging

O. Papacostantinou (Greece)

Musculoskeletal neoplasm in children: Pearls and pitfalls

M. Francavilla (Italy)

Skeletal dysplasias : The radiologist point of view

C. Offiah (United Kingdom)

Musculoskeletal skeletal imaging of child non accidental trauma: imaging approach and challenges

E. Tenisch Lausanne (Switzerland)

The many faces of osteomyelitis

F. Sáez (Spain)

Particularities of fractures in the ankle and foot in children

G. Gulácsi (Hungary)

Discussion, Q&A

11:00 - 11:30 COFFEE BREAK

11:30 - 13:00 Intervention Subcommittee Session
T. Le Corroller (France), J. Martel Villagrán (Spain)

Joint injections: How I do it

E. Kavanagh (Ireland)

Achilles tendon treatment: Indications and technique

R. Mansour (United Kingdom)

Plantar fasciopathy: The role of the MSK radiologist

E. Drakonaki (Greece)

Role of ultrasound in the treatment of entrapment neuropathies

F. Lapegue (France)

Percutaneous management of Morton's neuroma

K. Lam (United Kingdom)

Bone and soft tissue biopsy around the ankle and foot

T. le Corroller (France)

MR guided focused ultrasound in the ankle and foot: state of the art

F. Arrigoni (Italy)

Bone and soft tissue thermal ablation

R. Lalam (United Kingdom)

Discussion, Q&A

13:00 - 14:00 BREAK

14:00 - 15:00

Scientific Session - Nerve & US

I. Beggs (United Kingdom), V. Salapura (Slovenia)

High-resolution Ultrasound and Magnetic Resonance Imaging of Ulnar Nerve Neuropathy beyond the Guyon Tunnel: Examination

M. Maccio (Italy)

Role of High Resolution Ultrasound in Migraine

D. Bianco (Italy)

High-resolution Ultrasound complications in carpal tunnel syndrome surgical release

M. Pansecchi (Italy)

Nerve microanatomy depiction on high-resolution ultrasound with histological verification

Ž. Snoj (Slovenia)

Recurrent motor branch neuropathy in carpal tunnel syndrome: An ultrasound study

M. Maccio (Italy)

Ultrasound evaluation of psoas tendinopathy in chronic groin pain after hip replacement

S. Jengojan (Austria)

Discussion, Q&A

15:00 - 16:30

Tumours Subcommittee Session

P. Omouni (Switzerland), K. van Langevelde (Netherlands)

Gadolinium is necessary to differentiate between enchondroma and atypical enchondroma: For -

K. Verstraete (Belgium)

Gadolinium is necessary to differentiate between enchondroma and atypical enchondroma: Against -

A. Bazzocchi (Italy)

DWI in grading and characterisation of tumours: For -

J. Fritz (USA)

DWI in grading and characterisation of tumours: Against -

A. Navas (The Netherlands)

MRI is the best initial imaging examination for soft tissue tumours: For -

F. Vanhoenacker (Belgium)

MRI is the best initial imaging examination for soft tissue tumours: Against -

M. Holstila (Finland)

Respecting compartmental anatomy during bone biopsy: Pro's and contra's or tips and tricks

V. Vasilevska Nikodinovska (Macedonia)

Bone rads for bone tumour diagnosis: Does it really add something?

K. Vilanova (Spain)

Discussion, Q&A

16:30 - 17:00 COFFE BREAK

17:00 - 18:30

Young Club Session - Learning Through Cases- Upper Limb, Interactive Session

A. Vieira (Portugal), C. Messina (Italy)

Case 1

N. Marton (Hungary)

Case 2

R. Britel (Spain)

Case 3

V. Matišić (Croatia)

Case 4

F. Serpi (Italy)

Case 5

F. Meroi (Italy)

Case 6

J. Vieira (Portugal)

Case 7

F. Snene (France)

Case 8

A. Cilengir (Turkey)

Case 9

A. Karantanas (Greece)

How to become a leader in MSK radiology - The M. AVATAR project

M. Maas (The Netherlands)

Discussion, Q&A

ROOM 0B

08:00 - 09:30

Forefoot Session

N. Vetti (Norway), I. Engele (Latvia)

Imaging techniques for post treatment of the foot and ankle with metal artifact

M. A. Weber (Germany)

Great toe injuries

M. Shahabpour (Belgium)

Morton's neuroma (Interdigital nerve)

M. Zanetti (Switzerland)

Plantar plate injuries

P. D. Afonso (Portugal)

Nerve lesions of the ankle and foot

H. Platzgummer (Austria)

Fascia plantaris

E. Gerety (United Kingdom)

Postsurgery changes of the forefoot injuries

O. L. Casado Verdugo (Spain)

Discussion, Q&A

09:30 - 10:00 COFFEE BREAK

10:00 - 11:00

Scientific Session - AI & Techniques

A. I. García Díez (Spain), A. Serfaty (Brazil)

MRI-based radiomics and machine learning for the diagnosis of inflammatory sacroiliitis

M. Triantafyllou (Greece)

Fully automated measurement of Cobb angle in coronal plane spine radiographs

P. Meier (Austria)

DWI and DCE-MRI of spinal bone marrow in healthy individuals and the influence of age, sex, weight and smoking

T. van Den Berghe (Belgium)

Accelerated dual-contrast 3D knee MRI using super-resolution reconstructed deep learning-enhanced 2D Dixon TSE imaging

C. Smekens (Belgium)

Is AI the way forward to reduce metal artifacts in CT? Evaluation of metal artifact reduction by AI in hip arthroplasty

M. Selles (The Netherlands)

Deep learning for detection of structural sacroiliac joint lesions on pelvic CT: Multicentre development and validation

T. van Den Berghe (Belgium)

Discussion, Q&A

11:00 - 12:30

Tumours, Infectious, Inflammatory Session

F. Kainberger (Austria), N. Sans (France)

Differential diagnosis of arthritis

I. Şebnem Örgüç (Turkey)

Enthesopathies focus on the ankle and foot

C. Giraudo (Italy)

Rheumatoid arthritis focus on the ankle and foot

I. Sudol-Szopinska (Poland)

Gout and crystal deposition lesions

A. Klauser (Austria)

Diabetic foot

J. Teh (United Kingdom)

Pearls & Pitfalls in diagnosis of soft tissue tumors focus on the ankle and foot

I. Noebauer-Huhmann (Austria)

Diagnosis of bone tumours in foot and ankle

K. van Langevelde (The Netherlands)

Nail and distal phalanx painful lesions

N. Nehria (United Kingdom)

Discussion, Q&A

12:30 - 13:30

Industry Lunch Symposium

13:30 - 15:00

Muscle & Tendon Injuries of the leg

E. Sánchez (Spain), K. F. Kreitner (Germany)

Radiologist technical considerations on how to achieve efficient good quality muscle MR imaging

C. Glaser (Germany)

Gastrocnemius injuries

M. Tzalonikou (Greece)

Soleus muscle injuries

J. Isern (Spain)

Achilles tendon

A. Roskopf (Switzerland)

Postsurgery of achilles tendon

A. Bueno (Spain)

Can we predict with imaging the healing process

E. McNally (United Kingdom)

Chronic exertional compartment syndrome : A room for imaging

J. B. Pialat (France)

Interventional treatment of the tennis leg, calf hematomas

J. L. del Cura (Spain)

Discussion, Q&A

15:00 - 15:15 COFFEE BREAK

15:15 - 15:30

Outlook 2024, Lugano

15:30 - 16:30

ESSR Quiz

A. Alcalá-Galiano (Spain), A. Kassarian (Spain)

16:45 - 18:30

ESSR General Assembly

ROOM 0D

08:00 - 09:30 Osteoporosis and Metabolic Subcommittee Session

A. Fotiadou (United Kingdom), M. Epermane (Latvia)

Opportunistic screening of bone frailty

Y. Wang (Hong Kong)

Imaging of insufficiency fractures around the ankle and foot

C. Krestan (Austria)

Diagnosis of metabolic bone diseases at the ankle and foot with conventional radiology

N. Sabir (Turkey)

Complex regional pain syndrome: The role of imaging

C. Phan (France)

Radiofrequency echographic multispectrometry (REMS)

C. Messina (Italy)

The current role of AI in the management of metabolic bone disease and related complications?

A. Isaac (United Kingdom)

Update on osteoporosis or saropenia

G. Guglielmi (Italy)

Discussion, Q&A

09:30 - 10:00 COFFEE BREAK

10:00 - 11:00 Scientific Session - Sports

G. Ivanac (Croatia), S. Anderson (Australia)

High-resolution ultrasound of the anterior talofibular ligament: Correlation between morphological and clinical features

G. Marcenaro (Italy)

Meniscal extrusion in asymptomatic knees: The 3mm cutoff must be revisited

S. Zenkhri (Switzerland)

Degenerative findings on MR arthrography predict failure of arthroscopic FAI surgery at short to mid term follow-up

A. Nanavati (Switzerland)

Chronic exertional compartment syndrome: A room for imaging ?

J. B. Pialat (France)

The distribution of bone marrow edema helps in assessing lateral soft tissues in ankle sports injuries

N. Solidakis (Sweden)

Arthroscopy-Validated Diagnostic Accuracy of 5-min Deep Learning Super-Resolution MRI of the Knee: Trust or Dust?

J. Fritz (Germany)

Discussion, Q&A

11:00 - 12:30

Sports Subcommittee Session

R. Becker (Denmark), J. Kramer (Austria)

Patellofemoral Instability - Important Imaging findings

M. Padrón (Spain)

Surgery in Patellofemoral Instability - when, why, and how?

R. Becker (Germany)

Rotational Instability of the Knee - Concepts and Biomechanics

J. Monllau (Spain)

Imaging Findings in ACL injury and Anterolateral Rotational Instability ALRI

B. Fritz (Switzerland)

ACL Repair - State of the Art and Risk for Failure

R. Becker (Germany)

Anteromedial Rotational and Valgus Instability

C. Schöffeler (Germany)

Imaging Findings in Posterolateral Rotational Instability PLRI

J. Pillai (United Kingdom)

Surgical Options in Rotational Instability (additional to ACL repair)

J. Monllau (Spain)

Discussion, Q&A

12:30 - 13:30 BREAK

13:30 - 15:00 Arthritis and Inflammatory Subcommittee Session

C. Weidekamm (Austria), A. Zejden (Denmark)

Active inflammatory and structural spinal lesions in ax-SpA

W. Rennie (United Kingdom)

Relevance of ASAS in Paediatric arthritis

N. Herregods (Belgium)

Typical features of septic arthritis from x-ray to MR

W. Huyse (Belgium)

Bone marrow edema in the sacroiliac joint: is it always sacroiliitis?

T. Diekhoff (Germany)

Contrast or not in arthritis? Solving the dilemma for imaging of small joints

M. Korteweg (Denmark)

COVID related arthritis

Y. Berkowitz (United Kingdom)

Discussion, Q&A

15:00 - 15:15 COFFEE BREAK

ROOM 0C

08:00 - 09:30

Scientific Session - Tumours

E. Remide Arkun (Turkey), S. Gitto (Italy)

Dimension's assessment on baseline MRI of soft-tissue sarcomas: Best method to estimate tumour size to improve prognosis

V. D'Agostino (Italy)

Assessment of dual-energy CT- derived fat fraction in vertebral bodies and haemangiomas: Preliminary results

F. Ricapito (Italy)

Evaluating treatment response in multiple myeloma patients with quantitative analysis of Whole-Body DWI-MRI images analy

A. Paternain (Spain)

Differentiation of Spinal Myxopapillary Ependymoma and Schwannoma using MRI

C. Song (South Korea)

Development and evaluation of MR-based radiogenomic models to differentiate atypical lipomatous tumors from lipomas

S. Foreman (Germany)

Heterogeneous vertebral marrow signal in adult spine MRI – DIXON as a tool to detect marrow infiltration

K. Gupta (India)

MRI radiomics-based machine learning for classification of lipoma and atypical lipomatous tumor of the extremities

S. Gitto (Italy)

Evaluation of response to neoadjuvant chemotherapy in osteosarcoma using dynamic contrast-enhanced MRI

G. Kalisvaart (The Netherlands)

The role of quantitative DCE-MRI and diffusion-weighted imaging in differentiating the grade of soft tissue sarcomas

A. Peker (Turkey)

Discussion, Q&A

09:30 - 10:00 COFFEE BREAK

10:00 - 11:30

Spine Group Master Class

R. Lalam (United Kingdom), A. Feydy (France)

Cervical Spine Trauma

K.F. Kreitner (Germany)

Spinal infectious and follow up

A. Feydy (France)

When spinal infectious is NOT an infection

R. Lalam (United Kingdom)

Complications of the rigid spine

F. Vanhoenacker (Belgium)

Discussion, Q&A

11:30 - 12:30

Scientific Session - Spine

R. Lalam (United Kingdom), K. Friedrich (Austria)

Lumbar muscle involvement in the occurrence of osteoporotic vertebral fracture

C. Lambeaux (France)

Sagittal pars angle as a predictor of the likelihood of developing lumbar vertebral pars defects

S. Ariyaratne (United Kingdom)

Fatty infiltration of the paraspinal muscles is associated with postoperative leg pain in lumbar spinal stenosis

H. Banitalebi (Norway)

Metabolic subsets within Pfirrmann 1 discs - Results from MRS and T2r study in volunteers and patients

P. Thippeswamy (India)

QCT volumetric Bone Mineral Density in the evaluation of the lumbar spine: Comparison with DXA and Trabecular Bone Score

S. Fusco (Italy)

An audit of artificial intelligence assisted diagnosis of vertebral compression fractures using DEXA

D. Wilson (United Kingdom)

Discussion, Q&A

12:30 - 13:30 BREAK

13:30 - 15:00

Scientific Session - Intervention

D. Dalili (United Kingdom), G. Aström (Sweden)

Analysis of technical aspects of MR-guided High-Intensity Focused Ultrasound on bone metastases pain palliation

V. D'Agostino (Italy)

Popliteal cyst aspiration and injection, corticosteroid injection location - Does it matter?

N. Sztuk (USA)

Comparison of patterns and rates of cement leakage in sacroplasty for sacral insufficiency fractures versus neoplasia

S. Ariyaratne (United Kingdom)

Bone biopsies guided by augmented reality: A prospective controlled non-randomized study

U. Viglino (Italy)

Long-term effectiveness of CT-guided rupture of symptomatic lumbar facet synovial cysts

A. Antón Jiménez (Spain)

Treatment of symptomatic lumbar intra canicular facet synovial cysts

I. Azam (United Kingdom)

Ultrasound-guided percutaneous irrigation of extra-shoulder calcific tendinopathy

F. Serpi (Italy)

Ultrasound-guided thread release for Guyon's canal decompression: Cadaver study

S. Jengojan (Austria)

The role of MR thermometry in MRgFUS treatment: Advantages and pitfalls

A. Novais de Carvalho (Portugal)

Discussion, Q&A

15:00 - 15:15 COFFEE BREAK



HONORARY MEMBERS

In recognition of his outstanding and internationally-recognised achievements in the fields of musculoskeletal radiology, Dr. Mario Padrón will receive ESSR Honorary Membership at ESSR 2023.

Dr. Mario Padrón Pérez is a reliable referent of musculoskeletal radiology in Spain. His professional career sets an example to follow, he has always been at the forefront of the specialty.

His friendly and welcoming personality adds to these scientific achievements, and this has allowed a large number of professionals to complete their training under his direction.

His tireless, curious character places him on the vanguard and wherever he is, he becomes a center of attention.

These professional and personal reasons are more than enough to be worthy of the distinction of becoming an honorary member of the European Society of Musculoskeletal Radiology.

In recognition of his outstanding and internationally-recognised achievements in the fields of musculoskeletal radiology, Dr. Ian Beggs will receive ESSR Honorary Membership at ESSR 2023.

Dr. Ian Beggs has been a member of the ESSR since its early days. He has served the Society in numerous ways including hosting the annual congress in 1999, serving on the Executive Committee as Councilor between 2000 and 2002, and again between 2011 and 2015 culminating in his Presidency in 2013-2014.

Dr. Beggs has also been generous in sharing his experience through lectures and hands-on teaching at multiple ESSR congresses.

BECOME A MEMBER



Member collaboration and networking

- Reduced member registration fees at the Annual Meetings of the Society
- Access to website content, exclusively available to ESSR members
- Membership certificate
- Participation and influence in developing musculoskeletal imaging within committees, subcommittees and other ESSR initiatives
- Benefit from joint initiatives with other musculoskeletal imaging societies worldwide

Journal subscription

- Free online access to "Seminars in Musculoskeletal Radiology" (Thieme) via the ESSR website
- Special subscription rates (printed and/or online) for "Skeletal Radiology" (Springer)
- Special subscription rates (printed) for "Seminars in Musculoskeletal Radiology" (Thieme)

Information and education

- Being part of the community and staying updated with the ESSR newsletter and social media presence
- Access to undertake the ESSR Diploma in musculoskeletal radiology
- eLearning Platform: Free access to a variety of educational material in musculoskeletal radiology (webinar, congress recordings, guidelines and protocol papers)
- ESOR exchange programme for fellowship and scholarship
- Young Club activities and access to M.AVATAR project for supporting the next generation of musculoskeletal radiologists

Research Support

- Young investigator research grants for members under the age of 36
- Prizes for best scientific and educational presentations
- Subcommittee Grants for best congress presentations

Full information on our website: www.essr.org

EUROPEAN DIPLOMA IN MUSCULOSKELETAL RADIOLOGY - EDIMSK

- European qualification for MSK radiologists standardising training and expertise across Europe
- Endorsed by the European Society of Radiology (ESR)
- Add the title "EDIMSK" to your name

Full information on our website: www.essr.org

INDUSTRY LUNCH SYMPOSIUM

We invite you to assist during the lunch symposiums as lunch boxes are sponsored by PHILIPS on June 23rd and ESAOTE on June 24th.

Join us for the following sessions!

FRIDAY, JUNE 23, ROOM 0B - 13:00 - 14:00

How to efficiently use MRI techniques in MSK studies.

Eva Llopis (Spain)

Small challenging nerves of the upper limb. **PHILIPS**

Carlo Martinoli (Italy)

SATURDAY, JUNE 24, ROOM 0B - 12:30 - 13:30

Exploration of elbow ligaments enhanced by the next generation high-frequency probe.

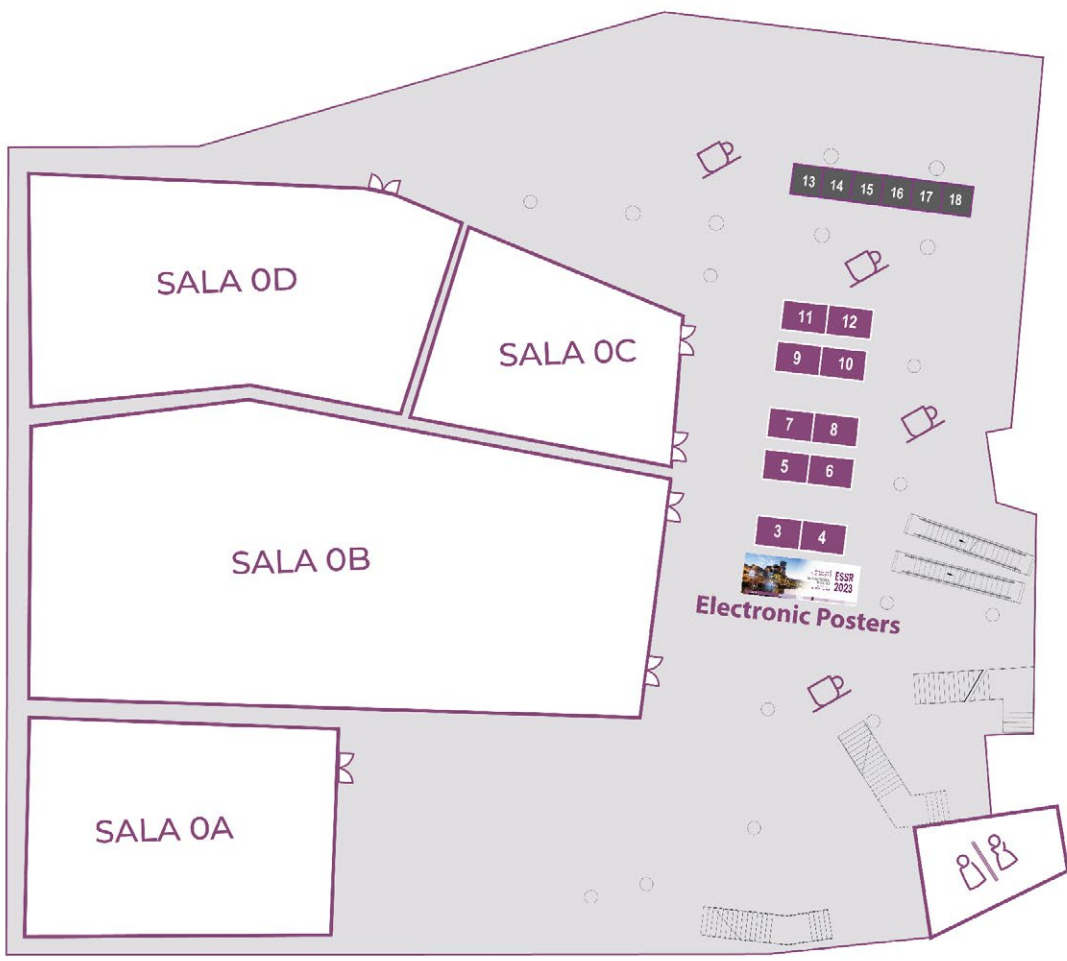
Carlo Martinoli (Italy)

Diagnostic imaging of lower joints. When and why Weight-Bearing MRI is needed.

Silvana Giannini (Italy)



Exhibition area



STANDS

- | | | |
|---|--|--|
| <p>3-4</p>  <p>GE HealthCare</p> | <p>5</p>  <p>MAGNETICA</p> | <p>6</p>  <p>Milvue
INCEPTO</p> |
| <p>7</p>  <p>AZMED</p> | <p>8</p> <p>SAMSUNG</p> | <p>9</p> <p>PHILIPS</p> |
| <p>10</p>  <p>Msk room</p> | <p>11</p> <p>Canon
CANON MEDICAL</p> | <p>12</p>  <p>esaote</p> |
| <p>13</p>  <p>GLEAMER</p> | <p>14</p> <p>B
BREITENSEHER
PUBLISHER</p> | <p>15</p>  <p>SMART
SOFT
HEALTHCARE</p> |
| <p>16</p>  <p>image
biopsy
lab</p> | <p>17</p>  <p>ARTHRITIS
IMAGING</p> | <p>18</p>  <p>Thieme</p> |

GENERAL INFORMATION

Organized by the European Society of Musculoskeletal Radiology



Conference Centre

Euskalduna Conference Centre
4, Abandoibarra Avenue
48011, Bilbao - Spain

Coffee Breaks

All congress delegates will be provided with complimentary coffee, tea, and refreshments during the official coffee breaks.

WIFI

Access the free WiFi connection everywhere throughout the conference venue.

Network: ESSR2023

Password: essr2023

Technical Secretariat

Level 1 Room A

June 22nd 08:00-18:00

June 23rd 07:30-18:30

June 24th 07:30-18:00

Speaker's Preview Room

Level 1 Room B

June 22nd 08:00-18:00

June 23rd 07:30-18:30

June 24th 07:30-18:00

Electronic Posters

Available to preview electronic posters in the Exhibition Hall on level 0.

June 22nd 08:00-18:00

June 23rd 07:30-18:30

June 24th 07:30-18:00

ESSR Quiz

A radiology quiz presentation will be shown in a loop on monitors in the Exhibition Hall.

Please fill out the answer sheet (available at the monitors) and hand it in to the Technical Secretariat until Saturday, 12:00.

The quiz winners will be announced at the ESSR Quiz Session.

Online Access

Registered attendees onsite or online, will have online access to the conference lectures for up to 3 months after the conference. Access will be sent via email.

Badge

We kindly ask you to keep your badge visible during the conference.

Public Transportation

Your badge serves as both an identification card and a free ticket for the public Tram from June 21st to June 24th.



Organizing Technical Secretariat

THEORIA Congresos

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info@essr2023.org

www.essr2023.org

CME CREDITS

The **Pre-congress Workshops**, Bilbao, Spain, 22/06/2023 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **5 European CME** credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Confirmation of attendance

It is mandatory to complete our online event survey in order to receive your participation certificate of attendance/CME.

<https://forms.gle/MDd1rmuU88PM7rm59>



The **ESSR 30th Annual Scientific Meeting**, Bilbao, Spain, 23/06/2023-24/06/2023 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **12 European CME** credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Confirmation of attendance

It is mandatory to complete our online event survey in order to receive your participation certificate of attendance/CME.

<https://forms.gle/8gRvukn658W93h4CA>



SOCIAL EVENTS

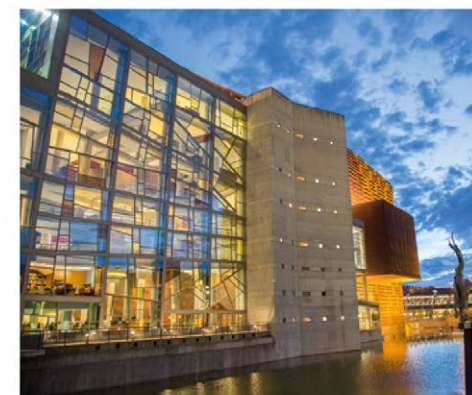
FRIDAY, JUNE 23

WELCOME RECEPTION

Euskalduna Conference Centre

All ESSR attendees are cordially invited to the Welcome Reception on Friday evening to enjoy the delicious Basque Country's pintxos, a glass of wine and of course reconnect with your peers.

Following the last session, this event will immediately begin in the Exhibition Hall on level 0.



SATURDAY, JUNE 24

GALA DINNER

Real Club Marítimo

11, Zugazarte Av., Las Arenas, Bilbao

To conclude the meeting we cordially invited all attendees to a unique dinner to enjoy the breathtaking sea views at one of Bilbao's remarkable locations.

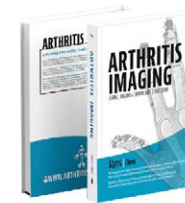
Seats are limited – visit the Technical Secretariat for ticket and bus information!



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