

## YOUNG INVESTIGATOR AWARD

The *Young Investigator Award* aims to honour and support young clinicians and scientists at the undergraduate, graduate and post-graduate level. Three young researchers/clinicians under the age of 35 will have the opportunity to present their scientific work and compete with each other for the chance to win €1000!

**Application Deadline: May 19, 2020**

## EARLY CAREER FELLOWSHIP PROGRAMME

The *ESMRMB Early Career Fellowship Programme* is an initiative to support young scientists and clinicians as well as enhance their involvement in our society. As an early career researcher/clinician (<5 years since completion of PhD/MD), presenting your work at ESMRMB 2020 you could benefit from:

- free registration for two successive ESMRMB congresses
- the chance to work with the Congress Planning Committee and organise a session at the 2021 ESMRMB congress

**Application Deadline: May 19, 2020**

## POSTER AWARDS

Posters are an important medium of scientific communication. To highlight the best works, the ESMRMB will present authors with up to ten Poster Awards:

- 1 Magna Cum Laude
- 2 Cum Laude
- 7 Certificates of Merit

Selected presenters of the Lightning Talks, Clinical Review Posters and Poster presentations will be requested to bring a paper poster to the poster exhibition in Barcelona. The exhibited posters will qualify for the Poster Awards and will be judged by a jury on-site.

More information on eligibility criteria and application procedures for all awards and programmes is available at [www.esmrb.org](http://www.esmrb.org).

## ABSTRACT SUBMISSION

The ESMRMB invites you to submit abstracts to the ESMRMB 2020 meeting in the following categories:

- Scientific Session Communications
- Clinical Review Poster Communications
- Software Exhibit Communications

We are accepting abstracts within our Focus Topics (MRI in Therapy, AI in Action, Trends in Clinical MR) as well as all other clinical, preclinical and basic science topics related to MR.

All abstracts must be submitted electronically via the online abstract submission system.

**Submission Deadline: May 19, 2020**

More information about abstract submission, as well as abstract topics and categories is available at [www.esmrb.org](http://www.esmrb.org).

## IMPORTANT DATES

Abstract Submission Deadline  
**May 19, 2020**

Notification of Acceptance  
**Early July 2020**

Early Registration Deadline  
**July 14, 2020**

### CONGRESS VENUE

Fira de Barcelona, Montjuic Venue  
Palau de Congressos (Congress Centre)  
Avda. Reina Maria Cristina, s/n  
08004 Barcelona, SPAIN

### CONGRESS LANGUAGE

The meeting will be held in English.

## CME ACCREDITATION

An application will be made to the UEMS/EACCME for accreditation of this event.

Due to UEMS regulations, attendees can only claim CME credits for the sessions that have actually been attended during the event. You will need to evaluate each session that you attended and would like to receive credits for on the event evaluation form. As part of this process, participants' attendance will be monitored throughout the event.

## CONGRESS REGISTRATION FEES

	EARLY Until July 14	LATE Until Sept 29	ONSITE From Sept 30
<b>FULL FEE</b>			
Member	€ 460	€ 540	€ 580
Senior Member	€ 210	€ 245	€ 285
Non-Member	€ 685	€ 765	€ 805
<b>JUNIOR FEE*</b>			
Member	€ 120	€ 200	€ 250
Non-Member	€ 300	€ 365	€ 405
<b>MR RADIOGRAPHER/ TECHNOLOGIST**</b>			
Member	€ 150	€ 210	€ 250
Non-Member	€ 315	€ 365	€ 405

Reduced congress fees are available for ESMRMB members in good standing who have paid their 2020 membership fee.

\*Juniors must present a copy of their last diploma to confirm their status. Junior status is limited to 6 years following the date of the last diploma (bachelor, masters, medical degree; not applicable to PhD degrees!).

\*\*MR radiographers/technologists must provide a current (i.e. dated 2020) attestation from the head of the institution / head of department confirming their status.

## STUDENT SUPPORT PROGRAMME

The ESMRMB will again offer Student Support Grants in 2020. A limited number of excellent students and specialists in training will receive:

- travel support grant of € 200
- free registration to the ESMRMB 2020 congress

**Application Deadline: June 4, 2020**

For more information on eligibility criteria and the application process visit [www.esmrb.org](http://www.esmrb.org)

### CONTACT

ESMRMB Office, Am Gestade 1, 1010 Vienna/Austria  
[office@esmrb.org](mailto:office@esmrb.org) | [www.esmrb.org](http://www.esmrb.org)

## PRELIMINARY PROGRAMME

ESMRMB  
European Society for Magnetic Resonance in Medicine and Biology

**ESMRMB 2020**  
**OCTOBER 1.-3.**  
**BARCELONA/ES**  
**37<sup>TH</sup> ANNUAL SCIENTIFIC MEETING**

## DEAR FRIENDS AND COLLEAGUES,

It is a great pleasure to invite you to our 37th Annual Scientific Meeting taking place in Barcelona, Spain: an exciting city on the Mediterranean sea, where you can experience the blend of rich medieval history, flamenco culture and modernist architecture.

This year's congress experience will focus on the theme of Convergence in MRI. Convergence science reflects the gathering together of different disciplines to work together, across boundaries and silos in order to accelerate scientific knowledge. This concept has been reflected in the name and the mission of ESMRMB since its inception, incorporating MR, medicine and biology. We celebrate this cross-cutting mission and present a programme that reflects convergence science in MRI.

Our meeting will again combine the advantages of focused workshops with the broad, scientific scope of an annual meeting and be structured around a few topics of the moment.

- MRI in Therapy
- AI in Action
- Trends in Clinical MR

Scientific sessions, as always, will cover all topics, and we invite you to submit your research on any MRI-related topic you have been working on in the last year. This programme structure will allow you to gain in-depth knowledge in one of these topics or combine sessions to suit your own interests, enhancing the educational benefits of visiting our congress.

Our annual meeting has been successful in cultivating integration and collaboration between clinicians, physicists and radiographers, between junior and senior researchers, and between the fundamental and applied sciences. Moreover, the ESMRMB is the platform for preclinical and biological research. To encourage interactions within this community, we are again organising a dedicated pre-conference day (30 September 2020) on preclinical imaging and spectroscopy.

Barcelona is a unique city with cosmopolitan flair. Our congress will take place at the Fira Barcelona, Montjuïc, centrally located and easy to travel to from El Prat, Barcelona's international airport.

**WE LOOK FORWARD TO WELCOMING YOU IN BARCELONA FOR A MEMORABLE MEETING!**

**Andrea Rockall**  
Chair of the 2020 Congress Planning Committee

## PRELIMINARY PROGRAMME

### THURSDAY, OCT 1<sup>ST</sup>

#### 8:00 TEACHING SESSIONS

Translational Trends: What's Coming to the Clinic?	MR Safety	Practical Issues for Database Curation & Data-sharing
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9:15

#### OPENING CEREMONY & SIR PETER MANSFIELD LECTURE

10:30

#### PLENARY SESSION

Sustainable MRI

11:45

#### INDUSTRY SYMPOSIUM

13:00

TEACHING SESSION Clinical Trends in Neuroimaging	COLLABORATION PARENCHIMA	LIGHTNING TALKS
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15:00

TEACHING SESSION Basic Principles of AI for Acquisition	SCIENTIFIC SESSIONS	LIGHTNING TALKS
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16:10

TEACHING SESSION Organ-based Physiological Imaging	SCIENTIFIC SESSIONS	LIGHTNING TALKS
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### FRIDAY, OCT 2<sup>ND</sup>

#### 8:00 TEACHING SESSIONS

Basics of Machine Learning in MRI	Real Time Imaging	GREC
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9:15

#### PLENARY SESSION

MR in Translational Medicine

10:50

SCIENTIFIC SESSIONS	SCIENTIFIC SESSIONS	LIGHTNING TALKS
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12:30

#### INDUSTRY SYMPOSIUM

13:50

TEACHING SESSION Hardware Design for Therapy Planning	COLLABORATION GLiMR	LIGHTNING TALKS
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15:40

TEACHING SESSION Motion Artefacts in the Chest & Abdomen	SCIENTIFIC SESSIONS	NETWORKING EVENT
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17:20

#### HOT TOPIC DEBATE

Low Field vs. High Field MRI

### SATURDAY, OCT 3<sup>RD</sup>

#### 8:00 TEACHING SESSIONS

Response Prediction with MR	ESMRMB meets ISS	Assessment of AI Tools & Public Datasets
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9:15

#### PLENARY SESSION

Evolving Therapy Options in MRI

10:50

SCIENTIFIC SESSIONS	SCIENTIFIC SESSIONS	LIGHTNING TALKS
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12:30

#### INDUSTRY SYMPOSIUM

13:50

TEACHING SESSION Artefacts incl. Metal: Challenges & Solutions	COLLABORATION Early Career Researchers	LIGHTNING TALKS
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15:40

TEACHING SESSION Radiomics	SCIENTIFIC SESSIONS	NETWORKING EVENT
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17:20

#### ROUNDTABLE DISCUSSION

Convergence in MRI

18:20

#### CLOSING & AWARDS CEREMONY

#### SESSION TRACKS

MR in Therapy	AI in Action	Trends in Clinical MR
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