esor.org

ANNUAL REPORT
2020

ESOR EUROPEAN SCHOOL OF RADIOLOGY

ESR EUROPEAN SOCIETY OF RADIOLOGY

Enjoy Education

ESOR
EUROPEAN SCHOOL OF RADIOLOGY

EDUCATION IN PARTNERSHIP

Although not all programmes could be realised due to the COVID-19 pandemic, we thank our partner societies, national societies, institutions, ESR subspecialty societies and industry partners for their continuous support and collaboration.

Chinese Society of Radiology

CBR — Colégio Brasileiro de Radiologia e Diagnóstico por Imagem

ESTRO

FAARDIT

FEDERACIÓN MEXICANA DE RADIOLOGÍA E IMAGEN, A.C.

fundación española de radiología

The Korean Society of Radiology

PHILIPPINE COLLEGE OF RADIOLOGY · 1948

SOCIEDAD ARGENTINA DE RADIOLOGÍA 1917

seram — Sociedad Española de Radiología Médica

SOCIEDAD MEXICANA DE RADIOLOGÍA E IMAGEN A.C.

Memorial Sloan Kettering Cancer Center

Jo Li Charitable Trust

ESMRMB — European Society for Magnetic Resonance in Medicine and Biology

ESGAR — European Society of Gastrointestinal and Abdominal Radiology

EUSOBI — european society of breast imaging

ESCR — EUROPEAN SOCIETY OF CARDIOVASCULAR RADIOLOGY

eshnr — european society of head and neck radiology

ESHI MT — EUROPEAN SOCIETY FOR HYBRID, MOLECULAR AND TRANSLATIONAL IMAGING

ESSR

ESNR

ESOI — European Society of Oncologic Imaging

ESPR — European Society of Paediatric Radiology

ESTI — European Society of Thoracic Imaging

ESUR

Champalimaud Foundation

Erasmus MC — Universitair Medisch Centrum Rotterdam

UniversitätsKlinikum Heidelberg

HÔPITAUX UNIVERSITAIRES PARIS NORD VAL DE SEINE Beaujon

Hôpitaux universitaires Paris-Sud — Antoine-Béclère Bicêtre Paul-Brousse

Centre Hospitalier Régional Universitaire de Lille

NETHERLANDS CANCER INSTITUTE ANTONI VAN LEEUWENHOEK

Radboudumc

UNIVERSITY HOSPITAL of IOANNINA

BRACCO — LIFE FROM INSIDE

GE Healthcare

Guerbet — Contrast for Life

LANCET

SIEMENS Healthineers

Thank You!

REVIEW 2020

Dear Colleagues,

Years pass and are not alike. Who could have imagined such a 2020 year!

2020 should have been the biggest ESOR programme ever and that obviously was stopped by the COVID-19 pandemic.

The only face to face meeting was the successful ESOR course on AI that was held in Rome in January 2020. Many courses were cancelled or postponed. The others were moved to online courses and we had to adapt our format to enter into the virtual world! I am extremely happy that ESOR online education has proven to be very successful and attracted a huge number of participants from many different countries. We are sure that there is room for online education in particular for basic courses. Yet, we all miss face to face interaction that is so important when it comes to education and sharing experience. Before the pandemic we were so proud to have organised the largest ESOR Visiting Professorship programme for the year 2020 in connection with national meetings of the ESR member societies. This is certainly an initiative that we will restart as soon as possible along with others. ESOR will be back onsite in 2022.

Not only courses were affected but also scholarships and fellowships because it was difficult and sometimes impossible to have trainees during the pandemic due to travel constraints and hospital regulations. Some could start their programme in 2020, many others postponed to 2021.

Despite this challenging year, ESOR continued to play a leading role in providing complementary radiological education of high standards.

ESOR is indebted and would like to express its profound appreciation and thanks to all its devoted friends, believers in lifelong learning in radiology with whom ESOR has worked together in vision and in practice throughout these years: host organisers, lecturers and teachers, heads of departments, mentors and tutors, reference training centres, subspecialty and national societies, and industry. I have special thanks to our industry partners who have maintained their sponsorship while facing great difficulties and uncertainties. No doubt that this terrible period will strengthen our relationships. The contribution and support from all are the backbone of ESOR's success and in fact the most valuable evidence that justifies our existence.

In this report all activities during 2020 are presented.

Professor Valérie Vilgrain
ESOR Scientific/Educational Director

ESOR STEERING COMMITTEE

March 2020 – March 2021

Scientific/Educational Director

Valérie Vilgrain, Clichy/FR

Steering Committee Members

Boris Brkljačić, Zagreb/HR

Vicky Goh, London/UK

Hans-Ulrich Kauczor, Heidelberg/DE

Christian Loewe, Vienna/AT

Luis Marti-Bonmati, Valencia/ES

Ex-Officio Members

Adrian Brady, Cork/IE
2nd Vice President of ESR

Nikoleta Traykova, Plovdiv/BG
Chairperson of the Communication and External Affairs Committee

Carlo Catalano, Rome/IT
Chairperson of the Education Committee

Martin Reim, Tartu/EE
Chairperson of the RTF Subcommittee

Peter Baierl, Vienna/AT
Executive Director ESR

Brigitte Lindlbauer, Vienna/AT
Administrative Director ESOR

Programme Planning Committee Members

Maria Argyropoulou, Ioannina/GR

Regina Beets-Tan, Amsterdam/NL

Thomas Helbich, Vienna/AT

Ioana Lupescu, Bucharest/RO

Roberto Maroldi, Brescia/IT

Celso Matos, Lisbon/PT

Katrine Riklund, Umeå/SE

Andrea Rockall, London/UK

Valentin Sinitsyn, Moscow/RU

Koenraad Verstraete, Ghent/BE

Johan Van Goethem, Antwerp/BE
ESNR European Course of Neuroradiology

Edwin Oei, Rotterdam/NL
ESMRMB School of MRI

Prudencia Tyrrell, Oswestry/UK
ESMRMB School of MRI

INTELLIGENCE. INNOVATION. IMAGING – AI IN ONCOLOGIC IMAGING

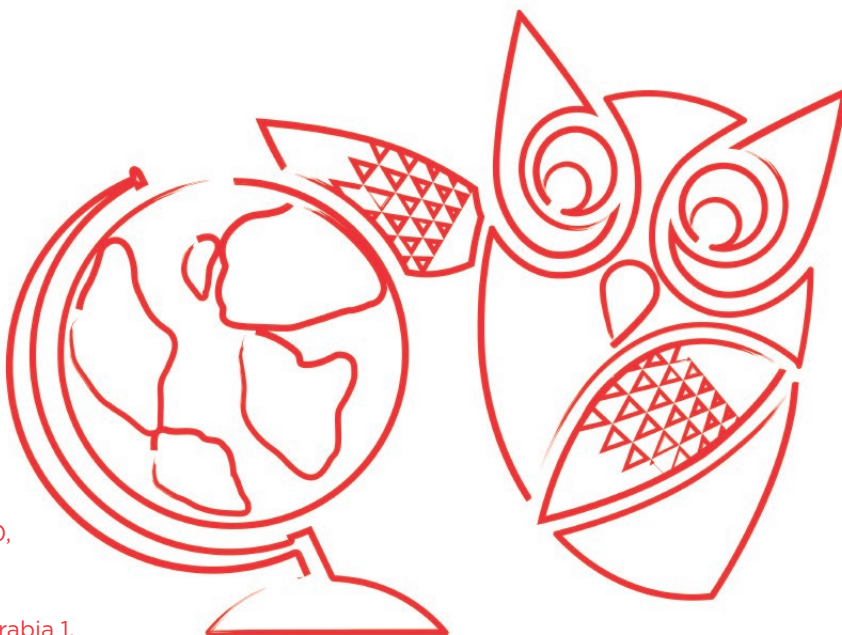## An ESR premium event brought to you by ESOR

Artificial Intelligence is the hottest issue in radiology right now, so the ESR and ESOR were excited to announce their second event on Artificial Intelligence, on July 20-23, 2020 entitled „Intelligence. Innovation. Imaging – AI in Oncologic Imaging. An ESR Premium Event brought to you by ESOR."

The main focus of the event was to provide advanced knowledge about AI in oncology and its use in diagnostic imaging and clinical applications. Delegates were introduced to important fundamental concepts of oncology, such as tumour heterogeneity, whilst also learning about the processing of imaging data by AI tools and discovering the main potential and emerging clinical applications of this cutting-edge technology. The topics were taught by expert radiologists who have professional experience working with AI. The event concluded with a final session envisioning the future of AI in oncologic imaging and its increasingly crucial role in cancer research and education.

The event was held online and was exclusively sponsored by Siemens Healthineers.

Number of live viewers: 282
Country statistics: Argentina 6, Austria 7, Belgium 3, Brazil 5, Canada 2, Chile 5, China 3, Colombia 3, Croatia 4, Czech Republic 2, Egypt 4, Finland 1, France 11, Georgia 1, Germany 14, Greece 5, Hong Kong 2, Hungary 4, India 3, Indonesia 4, Ireland 3, Israel 1, Italy 9, Japan 5, Kosovo 1, Kuwait 1, Latvia 3, Malaysia 1, Malta 1, Mexico 4, Mongolia 1, Myanmar 2, the Netherlands 20, North Macedonia 2, Norway 1, Pakistan 2, Peru 1, Philippines 5, Poland 5, Portugal 10, Romania 16, Russian Federation 2, Saudi Arabia 1, Serbia 2, Singapore 3, Slovakia 4, Slovenia 1, South Africa 1, Spain 12, Sweden 2, Switzerland 9, Thailand 3, Turkey 5, Uganda 1, Ukraine 11, United Arab Emirates 1, United Kingdom 28, United States 12, Uruguay 1

ESOR
EUROPEAN SCHOOL OF RADIOLOGY

INTELLIGENCE. INNOVATION. IMAGING – AI IN ONCOLOGIC IMAGING
An ESR premium event brought to you by ESOR

July 20–23, 2020
Online

Topics and Faculty:

Keynote lecture: Machine / deep learning for cancer imaging
J. Schnabel, London/UK

Session 1: Issues on cancer diagnostics
Chair: V. Vilgrain, Clichy/FR

The characteristics of cancer: heterogeneity and behaviour
E. Raymond, Paris/FR

Liquid biopsy in cancer
S. Marsoni, Milan/IT

Imaging: tracking tumour development
M. Marolt-Mušič, Ljubljana/SI

Session 2: Tools for cancer assessment: from radiomics to AI
Chair: C. Matos, Lisbon/PT

From radiomics to radiogenomics
L. Fournier, Paris/FR

AI interpretation of intratumoral heterogeneity
E. Sala, Cambridge/UK

AI assessment of response to treatment
N. Lassau, Villejuif/FR

Session 3: Clinical Applications
Chairs: E. Neri, Pisa/IT, J. Sosna, Jerusalem/IL

AI in Oncology today and tomorrow
V. Ziebandt, Forchheim/DE (Siemens Healthineers)

Prostate
H.-P. Schlemmer, Heidelberg/DE

Rectum
A. Laghi, Rome/IT

Liver
B. Taouli, New York/US

Breast
R. Mann, Nijmegen/NL
M. Fuchsjäger, Graz/AT

Lung
G. Chassagnon, Paris/FR

Neuro
S. Bisdas, London/UK

Session 4: Hot topics
Chair: E. Kotter, Freiburg/DE

AI in multimodality cancer imaging
C. Cyran, Munich/DE

AI in cancer research and central repositories as imaging biobanks: directions
M. Dewey, Berlin/DE

AI in oncologic imaging training
C. Catalano, Rome/IT

Greek: Γαληνός
Latin: Claudius Galenus of Pergamum
Arabic: Jalinos

Galen was an ancient Greek physician whose teaching was influential all the way up to the Renaissance. His views dominated European medicine for over a thousand years and Galen's work can be seen as building on the Hippocratic theories of the body.

The online GALEN courses are structured into foundation courses, focusing on the early years of training and advanced courses, aimed at the later years of training and young radiologists. Each programme consists of several lecture topics divided into theory and interactive cases delivered by internationally renowned European faculties, ensuring ESOR's signature course format of lectures and discussions. A 10-minute live Q&A session per session block rounds off the experience. In 2020, one foundation and three advanced courses were organised, covering topics across the modalities reaching a total number of 723 live viewers.

GALEN FOUNDATION COURSE

One GALEN Foundation Course aimed at residents in their first, second or third year of training in radiology took place in partnership with Bracco and was dedicated to neuro-radiology. It was attended by a total of 202 live viewers from 46 countries.

GALEN ADVANCED COURSES

The three GALEN Advanced Courses were aimed at residents in their fourth or fifth year of training and/or general radiologists in their early years of practice and took place in partnership with Bracco. The courses were dedicated to MR Imaging of the Abdomen, Contrast-Enhanced Ultrasound and Urogenital Radiology and were attended by 521 doctors from 66 countries.

ESOR
EUROPEAN SCHOOL
OF RADIOLOGY

LEVEL I+II

NEURORADIOLOGY

September 11, 2020
Online

Moderator:
M. Muto
Naples/IT

Topics and Faculty:

Vascular anatomy and imaging techniques
A. Bozzao, Rome/IT

Update on multiple sclerosis imaging
A. Falini, Milan/IT

Non-traumatic brain haemorrhage and its treatment
M. Muto, Naples/IT

Q&A session

Cross-sectional anatomy of the brain revisited
T. Yousry, London/UK

Multiple white spots – Common aetiology
F. Bonneville, Toulouse/FR

Multiple black dots – Common aetiology
S. Haller, Geneva/CH

Q&A session

Congenital spine and brain abnormalities
M. Argyropoulou, Ioannina/GR

Stroke
L. Van den Hauwe, Antwerp/BE

Traumatic brain injury: a practical guide
P. Vilela, Lisbon/PT

Q&A session

Brain infections: from image to pathogen
C. Calli, Izmir/TR

Spinal cord lesions: myelitis or tumour?
M. Thurnher, Vienna/AT

Brain tumours: what you should know
S. Van Cauter, Genk/BE

Q&A session

Number of participants: 202
Country statistics: Australia 3, Austria 5, Belgium 15,
Benin 1, Canada 1, Chile 4, Croatia 1, Cyprus 2,
Czech Republic 2, Denmark 1, Egypt 2, Estonia 1,
Finland 4, France 4, Germany 6, Greece 8, Hungary 2,
India 1, Indonesia 2, Ireland 5, Israel 2, Italy 8,
Kuwait 1, Latvia 1, Lithuania 2, Mexico 2, Montenegro 1,
Norway 4, Oman 1, Poland 2, Portugal 7, Romania 11,
Russian Federation 1, Saudi Arabia 4, Serbia 3,
Slovakia 4, Slovenia 1, South Africa 3, Spain 9,
Sweden 5, Switzerland 15, The Netherlands 21,
Ukraine 3, United Arab Emirates 2,
United Kingdom 18, United States of America 1

GALEN ADVANCED Courses

GALEN ADVANCED
Courses

LEVEL II

MR IMAGING OF THE ABDOMEN

September 4, 2020
Online

Moderator:
P. Chevallier
Nice/FR

Topics and Faculty:

MR imaging of the ovaries
E. Sala, Cambridge/UK

MR imaging of the prostate
J. Futterer, Nijmegen/NL

MR imaging of the spleen – a 'forgotten' organ
V. Goh, London/UK

Q&A session

MR imaging of Crohn's disease
A. Laghi, Rome/IT

MR imaging of anorectal cancer
M. Maas, Amsterdam/NL

MR imaging of kidney and adrenals
D. Prezzi, London/UK

Q&A session

MR imaging of diffuse liver diseases
M.M. França Oliveira, Porto/PT

MR imaging of HCC from diagnosis to treatment
F. Caseiro Alves, Coimbra/PT

MR imaging of the pancreas: differential diagnosis of focal mass
N. Kartalis, Stockholm/SE

Q&A session

Number of participants: 250
Country statistics: Australia 6, Austria 12, Bahrain 1, Belgium 22, Benin 1, Bosnia and Herzegovina 1, Brazil 2, Canada 2, Chile 4, Colombia 1, Costa Rica 1, Cyprus 1, Czech Republic 2, Denmark 2, Egypt 2, Estonia 3, Finland 4, France 3, Georgia 1, Germany 4, Greece 7, Guatemala 1, Honduras 1, Hungary 6, Iceland 2, India 5, Indonesia 1, Ireland 6, Israel 4, Italy 9, Jordan 2, Kuwait 2, Kyrgyzstan 1, Latvia 1, Lithuania 1, New Zealand 1, Norway 2, Oman 2, Pakistan 1, Philippines 1, Poland 3, Portugal 7, Romania 20, Saudi Arabia 2, Serbia 2, Singapore 2, Slovakia 5, Slovenia 3, South Africa 3, Spain 11, Sweden 9, Switzerland 14, Thailand 2, the Netherlands 19, Ukraine 3, United Kingdom 11, Unknown 1, Uruguay 2

LEVEL II

CONTRAST-ENHANCED ULTRASOUND

September 25, 2020
Online

Moderator:
T. Fischer
Berlin/DE

Topics and Faculty:

Technique update in CEUS
J.-M. Correas, Paris/FR

CEUS in practice: how I do it?
V. Cantisani, Rome/IT

CEUS of the kidney
T. Fischer, Berlin/DE

Q&A session

CEUS in benign liver lesions
O. Lucidarme, Paris/FR

CEUS in focal lesions in cirrhotic liver
O. Lucidarme, Paris/FR

Superficial organs
M. Radzina, Riga/LV

Q&A session

CEUS in vascular disorders
D.-A. Clevert, Munich/DE

CEUS in trauma: which indications?
D. Huang, London/UK

US in paediatrics
P. Sidhu, London/UK

Q&A session

Number of participants: 85
Country statistics: Argentina 1, Austria 7,
Belgium 7, Benin 1, Brazil 2, Canada 1, Cyprus 1,
Denmark 3, Finland 2, Georgia 1, Germany 11,
Greece 2, Hong Kong 1, Ireland 2, Israel 2, Italy 2,
Kuwait 1, New Zealand 1, Norway 2, Portugal 2,
Romania 1, Russian Federation 2, Slovakia 1,
Slovenia 2, Spain 2, Sweden 3, the Netherlands 9,
United Arab Emirates 1, United Kingdom 9,
Unknown 3

ESOR
EUROPEAN SCHOOL
OF RADIOLOGY

GALEN ADVANCED
Courses

LEVEL II+III

UROGENITAL RADIOLOGY

October 2, 2020
Online

Moderator:
G. Villeirs
Ghent/BE

Topics and Faculty:

Diagnosis and staging of RCC
N. Grenier, Bordeaux/FR

Oh no! What's that in the adrenal gland?!
P. De Visschere, Ghent/BE

Bladder: standardised reporting according to VI-RADS
V. Panebianco, Rome/IT

Q&A session

Diagnosis of cervical and uterine cancer
A. Van Hoyweghen, Edegem/BE

Ovarian cancer staging
E. Sala, Cambridge/UK

Endometriosis and pelvic inflammatory disease
R. Forstner, Salzburg/AT

Q&A session

Lymph node staging in pelvic malignancies
J. Barentsz, Nijmegen/NL

Ultrasound for testicular emergencies
J. Belfield, Liverpool/UK

Prostate cancer standardised reporting according to PI-RADS v2.1
G. Villeirs, Ghent/BE

Q&A session

Number of participants: 186
Country statistics: Australia 3, Austria 8,
Belgium 20, Bulgaria 1, Chile 1, Colombia 1,
Croatia 1, Czech Republic 1, Denmark 4, Egypt 1,
Estonia 2, Finland 1, France 4, Germany 2,
Greece 1, Hong Kong 1, Iceland 3, India 3,
Indonesia 1, Ireland 5, Israel 5, Italy 3, Kuwait 1,
Lithuania 1, North Macedonia 1, Norway 2,
Oman 2, Poland 2, Portugal 12, Romania 13,
Russian Federation 1, Rwanda 1, Saudi Arabia 1,
Serbia 2, Singapore 1, Slovakia 1, Slovenia 1,
South Africa 4, Spain 5, Sweden 4, Switzerland 11,
Thailand 1, the Netherlands 30, Ukraine 1,
United Kingdom 12, Unknown 4

Greek: Ἀσκληπιός
Latin: Aesculapius

Asklepios (or Asclepius) was the God of Medicine and reputed ancestor of the Asklepiades, the ancient Greek doctors' guild.

Asklepios represents the healing aspect of medical arts. He had four daughters: Aglaa/Agle, goddess of natural beauty and fitness, Hygieia, goddess of disease prevention, Panacea, goddess of healing (literally, "all-healing"), and Iaso, goddess of recuperation from illness.

Healing temples and "sancturies" called Asclepieia became increasingly popular around 300 BC where pilgrims flocked to Asclepieia to be healed. Asclepius' most famous sanctuary was in Epidaurus. Another famous "asclepieion" was on the island of Kos where Hippocrates, the legendary Father of Medicine, is said to have begun his career. Asklepios statues may be recognised by the presence of serpents.

ASKLEPIOS COURSES

This year's programme included four ASKLEPIOS courses, one on-site and three online, which were tailored to serve professional development by addressing recognised needs in the context of continuous radiologic education. The topics were very diverse aiming, in particular, at general radiologists and private practitioners.

The only on-site course in 2020 was a foundation course organised in Rome, Italy, on the topic of Artificial Intelligence in Radiology. It was attended by 51 participants from 16 countries. This course was realised in partnership with Siemens Healthineers.

Moreover, the long-term partnership with GE Healthcare continued with three online courses on Cardiac MR Imaging, which attracted 207 live viewers from 56 countries, Breast and Pelvis MR with 193 participants from 47 countries and Oncologic Imaging delivered to 175 live viewers from 46 countries.

LEVEL I+II

ARTIFICIAL INTELLIGENCE IN RADIOLOGY

January 30–31, 2020
Rome/Italy

Host Organisers:
E. Neri, Pisa/IT
M. Francone, Rome/IT

Topics and Faculty:

Session 1: Getting started
Chair: C. Catalano, Rome/IT

Entering the era of intelligent machines: history and early applications
A. Mei, Rome/IT

Deep learning in medical imaging: basic concepts for radiologists
B. Gallix, Strasbourg/FR

From texture to deep radiomic
L. Fournier, Paris/FR

Discussion

Session 2: AI training and ethics
Chair: A. Brady, Cork/IE

How to train AI: factors and limitations
N. Papanikolaou, Lisbon/PT

Imaging biobanks for AI training
L. Marti-Bonmati, Valencia/ES

Ethical aspects for the management of sensitive data
A. Brady, Cork/IE

AI in education
C. Catalano, Rome/IT

Discussion

Session 3: AI integration in a modern radiology department
Chair: L. Marti-Bonmati, Valencia/ES

How to convert digital images into a mineable source of data
N. Papanikolaou, Lisbon/PT

How does AI help in image triage?
C. Catalano, Rome/IT

How does AI help in post-processing and quantitative imaging?
T. Leiner, Utrecht/NL

Discussion

ESOR
EUROPEAN SCHOOL OF RADIOLOGY

ASKLEPIOS
Courses

LEVEL I+II

ARTIFICIAL INTELLIGENCE IN RADIOLOGY

January 30–31, 2020
Rome/Italy

Host Organisers:
E. Neri, Pisa/IT
M. Francone, Rome/IT

Topics and Faculty:

Session 4: Emerging topics
Chair: D. Regge, Candiolo/IT

AI in blockchain
E. Neri, Pisa/IT

AI assisted image-guided interventions
B. Gallix, Strasbourg/FR

AI for prediction of therapeutic response
G. Morana, Treviso/IT

Discussion

Session 5: AI use cases
Chairs: C. Catalano, Rome/IT; T. Leiner, Utrect/NL

Cardiovascular
M. Francone, Rome/IT

Lung cancer
M.-P. Revel, Paris/FR

Breast
F. Pediconi, Rome/IT

Prostate
V. Panebianco, Rome/IT

Rectal cancer
D. Caruso, Rome/IT

Whole body
D. Regge, Candiolo/IT

CNS
A. Radbruch, Essen/DE

Liver
G. Morana, Treviso/IT

Discussion

ESR statement
E. Neri, Pisa/IT

Number of participants: 51
Country statistics: Argentina 1, Belgium 1, France 6, Germany 7, Greece 2, India 2, Iran 1, Italy 15, Norway 1, Romania 6, Russian Federation 1, Slovenia 3, Spain 2, the Netherlands 1, Ukraine 1, United Kingdom 1

LEVEL II

CARDIAC MR IMAGING

September 18, 2020
Online

Moderator:
A. Kallifatidis
Thessaloniki/GR

Topics and Faculty:

Cardiac MR protocols and workflow
A. Redheuil, Paris/FR

Dealing with artefacts and implanted devices
F. Santini, Basel/CH

Cardiac MR in coronary artery disease
A. Kallifatidis, Thessaloniki/GR

Q&A session

T1-/T2-/T2* Mapping for tissue characterisation
J. Bremerich, Basel/CH

Cardiac MR in myocarditis
M. Francone, Rome/IT

Cardiac MR in non-ischemic cardiomyopathies
A. Jacquier, Marseille/FR

Q&A session

Cardiac MR in grown-up congenital heart disease
M. Gutberlet, Leipzig/DE

Cardiac MR in valvular disease
A. Azarine, Paris/FR

Cardiac tumours and tumour-like lesions
L. Natale, Rome/IT

Q&A session

Number of participants: 207
Country statistics: Algeria 1, Australia 1, Austria 8, Belgium 15, Benin 1, Brazil 1, Bulgaria 2, Canada 2, Chile 1, Colombia 3, Croatia 1, Curacao 1, Cyprus 1, Czech Republic 1, Denmark 1, Estonia 1, Finland 2, France 4, Germany 10, Greece 15, Hong Kong 1, Hungary 2, Iceland 1, India 1, Indonesia 2, Ireland 3, Israel 1, Italy 7, Korea 1, Kuwait 1, Latvia 1, Lebanon 1, Malaysia 1, Malta 1, New Zealand 2, Nigeria 16, North Macedonia 1, Pakistan 1, Panama 1, Poland 2, Portugal 3, Romania 6, Russian Federation 6, Saudi Arabia 5, Serbia 2, Singapore 3, Slovakia 3, South Africa 3, Spain 4, Sweden 7, Switzerland 8, the Netherlands 19, Turkey 1, United Arab Emirates 3, United Kingdom 12, Unknown 3

![ESOR EUROPEAN SCHOOL OF RADIOLOGY]

ASKLEPIOS
Courses

LEVEL II

BREAST AND PELVIS MR

November 12, 2020
Online

Moderator:
V. Lehotská
Bratislava/SK

Topics and Faculty:

MRI techniques and physiological appearances in the female pelvis
R. Manfredi, Rome/IT

MRI evaluation of endometriosis
M. Jezberova, Bratislava/SK

Endometrial cancer: staging, treatment planning and relapsed disease
R. Manfredi, Rome/IT

Q&A session

Cervical cancer FIGO 2018 staging for treatment planning and detection
A. Rockall, London/UK

O-RADS MRI: protocol and reporting for accurate assessment of adnexal masses
I. Thomassin-Naggara, Paris/FR

MRI: abbreviated vs full-protocol - which is the way to go?
I. Thomassin-Naggara, Paris/FR

Q&A session

Benign and malignant breast lesions: MRI BIRADS classification
T. Helbich, Vienna/AT

Value of breast MRI in high and intermediate risk women
V. Lehotská, Bratislava/SK

Role of breast MRI in assessment of neo-adjuvant chemotherapy
T. Helbich, Vienna/AT

Q&A session

Number of participants: 193
Country statistics: Argentina 1, Australia 1, Austria 10, Belarus 1, Belgium 9, Brazil 1, Colombia 1, Croatia 2, Cyprus 1, Czech Republic 8, Denmark 1, Egypt 2, Finland 1, France 3, Germany 5, Greece 4, Guatemala 1, India 3, Ireland 3, Israel 1, Italy 4, Jamaica 1, Jordan 1, Kuwait 1, Latvia 1, Mexico 1, New Zealand 1, Norway 1, Philippines 2, Poland 2, Portugal 11, Romania 8, Saudi Arabia 3, Singapore 1, Slovakia 21, Slovenia 1, South Africa 2, Spain 15, Sri Lanka 1, Switzerland 19, Thailand 1, the Netherlands 11, Turkey 1, Ukraine 2, United Arab Emirates 1, United Kingdom 8, Unknown 13

ESOR
EUROPEAN SCHOOL OF RADIOLOGY

LEVEL II+III

ONCOLOGIC IMAGING

December 11, 2020
Online

Moderator:
B. Brkljačić
Zagreb/HR

Topics and Faculty:

Pancreatic adenocarcinoma: questions asked by the clinician – how to answer them
V. Vilgrain, Clichy/FR

HCC: what's new?
L. Marti-Bonmati, Valencia/ES

How to stage rectal cancer on imaging
I. Blažić, Belgrade/RS

Q&A session

How to diagnose a renal cancer on imaging
M. Bertolotto, Trieste/IT

Prostate cancer: update on imaging
B. Hamm, Berlin/DE

Imaging of cervical and endometrial cancer
R. Forstner, Salzburg/AT

Q&A session

Head and neck cancer: the key questions on imaging
B. Verbist, Leiden/NL

Lung cancer: how to screen, how to diagnose
M.-P. Revel, Paris/FR

Breast cancer: what is new?
B. Brkljačić, Zagreb/HR

Q&A session

Number of participants: 175
Country statistics: Algeria 1, Austria 9, Belgium 10, Bosnia and Herzegovina 1, Chile 2, Croatia 3, Cyprus 1, Czech Republic 10, Denmark 1, Estonia 3, Finland 4, France 1, Germany 9, Greece 8, Hungary 3, Iceland 1, Indonesia 1, Iraq 1, Ireland 2, Italy 4, Jamaica 1, Korea 1, Kosovo 1, Kuwait 1, Lithuania 4, Mexico 2, Moldova 1, Norway 2, Oman 1, Philippines 1, Poland 4, Portugal 5, Romania 13, Serbia 2, Singapore 1, Slovakia 2, Slovenia 4, Spain 8, Sweden 2, Switzerland 11, the Netherlands 8, Ukraine 5, United Arab Emirates 1, United Kingdom 7, Unknown 11, Vietnam 1

VISITING SCHOLARSHIP PROGRAMMES
EXCHANGE PROGRAMMES FOR FELLOWSHIPS
ONE-YEAR FELLOWSHIPS
BRACCO FELLOWSHIPS
NICHOLAS GOURTSOYIANNIS TEACHING FELLOWSHIP

VISITING SCHOLARSHIP PROGRAMMES

In 2020, 25 places were made available in Europe with the support of Bracco, the Spanish Foundation of Radiology, the Hellenic Radiological Society and the Brazilian College of Radiology. Nearly all of the three-month scholarships had to be postponed to 2021 due to the Covid-19 pandemic.

The Memorial Sloan-Kettering Cancer Center (MSKCC) in New York supported one scholarship whose start had to be shifted to 2021 as well.

One Chinese radiologist was again selected to complete a three-month intense training course in the UK, thanks to a grant provided by the Jo Li Trust. This scholarship had to be postponed to 2021.

In total, nearly 200 residents applied for the three above-mentioned programmes.

EXCHANGE PROGRAMMES FOR FELLOWSHIPS

This programme, which is organised in partnership with the European subspecialty societies and offers three months of intense subspecialisation training for recently board-certified radiologists, had to be suspended in 2020 as a consequence of the spread of the coronavirus.

The Memorial Sloan-Kettering Cancer Center (MSKCC) in New York offered two six-month fellowships in breast imaging whose start had to be re-scheduled for 2021.

ONE-YEAR FELLOWSHIPS

In 2020, four ESOR One-Year Fellowships were made available. Within the framework of this programme recently board-certified radiologists undertake thematic, structured fellowships at renowned European training centres. Not all of the fellows were able to start their training in 2020 because of the ongoing difficult situation.

BRACCO FELLOWSHIPS

In 2020, 30 radiology residents and young radiologists were selected for the Bracco Fellowship programme, which was originally established on the occasion of the 90th anniversary of Bracco (Clinical – 23 trainees; Management – 1 trainee; Research – 6 trainees). In total 81 residents and radiologists applied, however, not all of the selected fellows were able to complete their training in 2020.
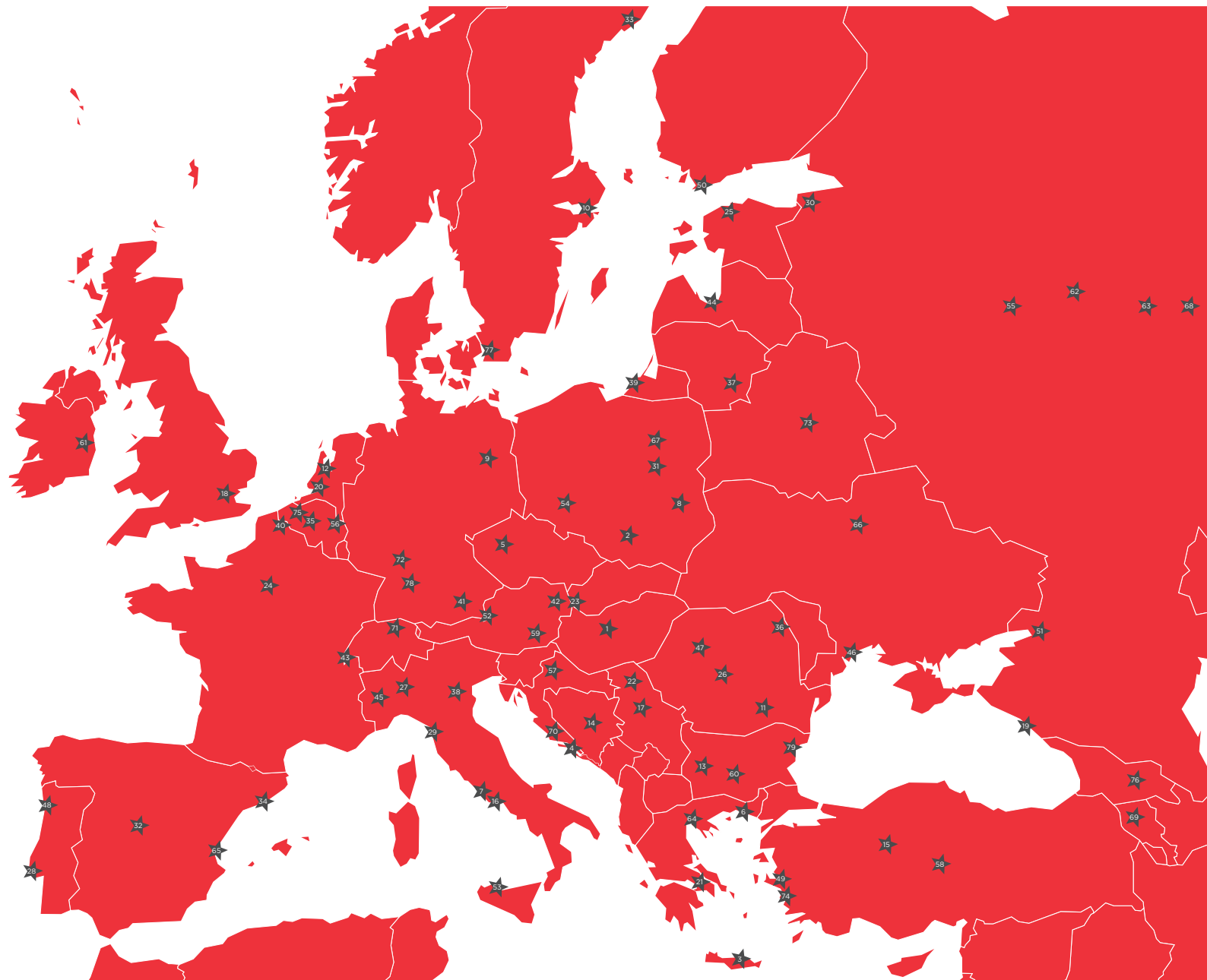
NICHOLAS GOURTSOYIANNIS FELLOWSHIP

The Nicholas Gourtsoyiannis Teaching Fellowship, which was established in 2018 by the European Radiology Private Foundation, allows one fellow to enhance his teaching and training skills. Unfortunately, also this programme could not be offered in 2020 because of the pandemic.

A special word of thanks goes to the highly esteemed academic training centres and tutors, who enabled more than 4,200 trainees to apply for these programmes over the last fourteen years.

ESOR
EUROPEAN SCHOOL OF RADIOLOGY

CITIES/COUNTRIES VISITED 2006–2019
EUROPE

1 Budapest/Hungary
2 Krakow/Poland
3 Heraklion/Greece
4 Dubrovnik/Croatia
5 Prague/Czech Republic
6 Alexandroupolis/Greece
7 Rome/Italy
8 Lublin/Poland
9 Berlin/Germany
10 Stockholm/Sweden
11 Bucharest/Romania
12 Amsterdam/The Netherlands
13 Sofia/Bulgaria
14 Sarajevo/Bosnia and Herzegovina
15 Ankara/Turkey
16 Latina/Italy
17 Belgrade/Serbia
18 London/United Kingdom
19 Sochi/Russia
20 Rotterdam/The Netherlands

21 Athens/Greece
22 Novi Sad/Serbia
23 Bratislava/Slovakia
24 Paris/France
25 Tallinn/Estonia
26 Sibiu/Romania
27 Milan/Italy
28 Lisbon/Portugal
29 Pisa/Italy
30 Saint Petersburg/Russia
31 Warsaw/Poland
32 Madrid/Spain
33 Umeå/Sweden
34 Barcelona/Spain
35 Brussels/Belgium
36 Iasi/Romania
37 Vilnius/Lithuania
38 Padua/Italy
39 Kaliningrad/Russia
40 Lille/France

41 Munich/Germany
42 Vienna/Austria
43 Geneva/Switzerland
44 Riga/Latvia
45 Turin/Italy
46 Odessa/Ukraine
47 Cluj-Napoca/Romania
48 Porto/Portugal
49 Izmir/Turkey
50 Helsinki/Finland
51 Rostov-on-don/Russia
52 Salzburg/Austria
53 Palermo/Italy
54 Wroclaw/Poland
55 Moscow/Russia
56 Maastricht/The Netherlands
57 Zagreb/Croatia
58 Kayseri/Turkey
59 Graz/Austria
60 Plovdiv/Bulgaria

61 Dublin/Ireland
62 Suzdal/Russia
63 Kazan/Russia
64 Thessaloniki/Greece
65 Valencia/Spain
66 Kiev/Ukraine
67 Serock/Poland
68 Ekaterinburg/Russia
69 Yerevan/Armenia
70 Split/Croatia
71 Zurich/Switzerland
72 Heidelberg/Germany
73 Minsk/Belarus
74 Kuşadası/Turkey
75 Ghent/Belgium
76 Tbilisi/Georgia
77 Malmö/Sweden
78 Tübingen/Germany
79 Varna/Bulgaria

ASIA

1 Beijing/China
2 Qingdao/China
3 Nanjing/China
4 Shanghai/China
5 Kunming/China
6 Guangzhou/China
7 Hangzhou/China
8 Chengdu/China
9 Changsha/China
10 Dalian/China
11 Suzhou/China
12 Shenzhen/China
13 Guilin/China
14 Shenyang/China
15 Shijiazhuang/China
16 Xi'an/China
17 Wuhan/China
18 Hefei/China
19 Tianjin/China
20 Zhengzhou/China
21 Chongqing/China
22 Fuzhou/China
23 Taiyuan/China
24 Harbin/China
25 Jinan/China
26 Urumqi/China
27 Changchun/China
28 Nanchang/China
29 Ningbo/China
30 Haikou/China
31 Wuxi/China
32 Yinchuan/China
33 Seoul/Korea
34 Bangkok/Thailand
35 Manila/The Philippines
36 Kolkata/India

LATIN AMERICA

1 Santiago/Chile
2 Rio de Janeiro/Brazil
3 Belo Horizonte/Brazil
4 São Paulo/Brazil
5 Salvador/Brazil
6 Brasilia/Brazil
7 Porto Alegre/Brazil
8 Mexico City/Mexico
9 San Miguel de Allende/Mexico
10 Campinas/Brazil
11 Recife/Brazil
12 Mérida/Mexico
13 Guadalajara/Mexico
14 Cancùn/Mexico
15 Bogotá/Colombia
16 Cartagena/Colombia
17 Curitiba/Brazil
18 Monterrey/Mexico
19 Puebla/Mexico
20 Mar del Plata/Argentina
21 León/Mexico

MIDDLE EAST

1 Beirut/Lebanon
2 Jeddah/Saudi Arabia
3 Amman/Jordan
4 Kuwait City/Kuwait
5 Nur-Sultan/Kazakhstan
6 Tashkent/Uzbekistan

ESOR EUROPEAN SCHOOL OF RADIOLOGY   **ESR** EUROPEAN SOCIETY OF RADIOLOGY

Enjoy Education

ESOR Office | European Society of Radiology

Am Gestade 1 | 1010 Vienna | Austria
Phone: +43-1-533 40 64-535
Fax: +43-1-533 40 64-448
esor@myesr.org

esor.org