European Congress of Radiology 2014 Highlights

Over 20,000 delegates are expected in Vienna from 6-10 March for the largest radiological event in Europe, the annual meeting of the European Society of Radiology. President of the 2014 European Congress of Radiology, Prof. Valentin Sinitsyn notes, “Today, it represents a unique mixture of tradition, innovation, and entertainment.”

New for 2014

Amongst the innovations this year is the Multimedia Classroom, which will provide doctor-to-doctor training at the workstation for the interpretation of cases in CT colonography, MDCT in trauma, cardiac CT and oncologic imaging.

Live Broadcasts

Many sessions will be broadcast live, and will be accessible via ECR Live. In addition, ECR Live’s Social Media Wall can be viewed online and on screens throughout the congress centre. Social media engagement continues to grow. At ECR 2013 delegates sent over 3,000 messages..

Technical Exhibition

The technical exhibition will feature more than 300 exhibitors in a 26,000m2 exhibition space, allowing delegates to experience the very latest cutting-edge imaging technology.

Plenary Sessions

Thursday 6 March, 17:45–19:15

Opening Ceremony

Presentation of Honorary Members Opening Lecture

Etudes in space radiology

Oleg J. Atkov, Moscow, Russia

Friday 7 March, 12:15–13:15

Presentation of the ESR Gold Medal Awards
**Josef Lissner Honorary Lecture**
Research in cardiac imaging: how I do it
Albert de Roos, Leiden, Netherlands

**Saturday 8 March, 12:15–12:45**

**Wilhelm Conrad Röntgen Honorary Lecture**
Mysteries of the human brain unveiled:
imaging of white matter microstructure and neuroplasticity
Paul M. Parizel, Antwerp, Belgium

**Sunday 9 March, 12:15–12:45**

**Samuil A. Reinberg Honorary Lecture**
The tempestuous genesis of MRI: credit and discredit
Morton A. Meyers, East Setauket, USA

ESR meets...

**Friday 7 March, 10:30–12:00**

**ESR meets Russia**
Crossroads of diagnostic imaging in the
big country
Saturday 8 March,
10:30–12:00

**ESR meets Serbia**
A guided tour of radiology in Serbia
14:00–15:30

**EFRS meets Russia**
The role of the radiographer in image acquisition and processing
16:00–17:30

**ESR meets ESC (European Society of Cardiology)**
The role of imaging in the cardiac patient
**Sunday 9 March, 10:30–12:00**

**ESR meets Mexico**
Oncology imaging in Mexico

**New Horizons** sessions look at new developments and conclude with a panel discussion.

**Friday 7 March,**
08:30–10:00
Imaging the hallmarks of cancer
16:00–17:30
The human connectome: a comprehensive map of brain connections

**Sunday 9 March,** 14:00–15:30
Imaging in precision medicine

**State-of-the-Art Symposia** gather the experts on a subject.

**Friday 7 March,**
16:00–17:30
Cardiac computed tomography: from diagnosis to prognosis

**Saturday 8 March,** 08:30–10:00
Radiology and obesity

**Sunday 9 March,** 16:00–17:30
Tumour response assessment in clinical practice

**Special Focus Sessions**

Topics at the cutting edge of development and clinical application. Special Focus sessions include:

**Thursday 6 March,** 16:00–17:30
Pitfalls in FDG PET/CT imaging

**Friday 7 March,** 16:00–17:30
Renal artery denervation in the management of resistant hypertension Imaging biomarkers in cancer drug development

**Saturday 8 March,** 08:30–10:00
Image-guided prostate biopsies: a paradigm shift

**Sunday 9 March**
14:00–15:30
Treatment with MR-guided focused US (FUS)
16:00–17:30
Evidence-based radiology, comparative effectiveness research, and health technology assessment

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Monday 10 March, 08:30–10:00
Structured reporting
Elastography as a new tool

**Professional Challenges Sessions** communicate and exchange information on professional issues.

Thursday 6 March, 16:00–17:30
Radiology: opportunities and threats

Friday 7 March, 08:30–10:00
Interventional radiology in oncology

Saturday 8 March, 16:00–17:30
The role of social media in radiology

Sunday 9 March, 10:30–12:00
Doing good not harm – understanding audit and its role in reducing patient dose

**Multidisciplinary Sessions** promote a multidisciplinary approach to cancer detection and treatment, integrating radiologists, surgeons and oncologists to share their expertise.

Thursday 6 March, 16:00–17:30
Multidisciplinary approach for detection and treatment of malignant primary bone tumours

Friday 7 March, 08:30–10:00
Pancreatic neuro-endocrine tumours

Saturday 8 March, 16:00–17:30
Characterisation and treatment of renal tumours: new paradigms

**Mini Courses** on Friday 7 March include a joint one day course on Emergency Imaging by the ESR and RSNA, and a course on Controversies in chest imaging, including CT screening for lung cancer and diagnosis of pulmonary embolism

**Refresher Courses**

**Refresher Courses on Computer**

Applications include:

Thursday 6 March, 16:00–17:30
Mobile IT in radiology

Monday 10 March, 08:30–10:00
Improving workflow efficiency and quality

**Refresher Courses on Physics in**

Radiology include:
Saturday 8 March, 16:00–17:30
Novel developments in CT and their impact on dose

Sunday 9 March
14:00–15:30
Good radiation and bad radiation? How to assess and communicate radiation risk to patients and referring physicians
16:00–17:30
IT tools for dose tracking and workflow optimization

Accompanying Sessions

Thursday 6 March, 16:00–17:30
EIBIR Session
Biomedical image analysis: novel tools in neurodegenerative disease and breast cancer

Thursday 6 March, 16:00–17:30
Joint Session of the ESR and COCIR (European Coordination Committee of the Radiological, Electromedical and Healthcare IT Industry)

Friday 7 March
08:30–10:00
Joint Session of the ESR and EFSUMB (European Federation of Societies for Ultrasound in Medicine and Biology) Advances in diagnostic ultrasound: better results through combinations
10:30–12:00
ESR Radiation Protection Session Launch of the ESR EuroSafe Imaging campaign: dealing with the challenges of radiation protection

Friday 7 March, 14:00–15:30
ESOR Session Mentoring in radiology

Saturday 8 March
08:30–10:00
Joint Session of the ESR and ESMRMB (European Society for Magnetic Resonance in Medicine and Biology)
Diffusion MRI: everything you always wanted to know but never dared to ask 10:30–12:00 Joint Session of the ESR/ESMOFIR (European Society of Molecular and Functional Imaging in Radiology) and ESMI (European Society for Molecular Imaging) Molecular and functional imaging methods for interventions

Management in Radiology @ ECR
Management in Radiology addresses current challenges and provides a forum for education and the exchange of ideas and concepts.
Saturday 8 March, 13:00-17:30

Session 1: Clinical decision support and radiation protection training

**Denis Remedios**, Harrow, UK

Appropriate imaging: Aspiration, inspiration of reality

**James Brink**, Boston, USA

Practical use of decision support

**Lluis Donoso**, Barcelona, Spain

European Perspective of CDS

**Peter Vock**, Berne, Switzerland

ESR activities in radiation protection: an overview with respect to global initiatives

**Donald Peck**, Detroit, USA, **Annalisa Triani**, Udine, Italy

What is the truth in talking on radiation risk?

Session 2: Patient-centred radiology and economics

**Elisabeth Schouman-Clayes**, Paris, France

Economic situation in radiology 2013: insights from an ESR survey and MIR workshop

**Mansor Fatehi**, Tehran, Iran

Radiology management in a special economic situation

**Giuseppe Turchetti**, Pisa, Italy

The economist's perspective

**Catherine Mandel**, East Melbourne, Australia

Incident reporting, safety culture and patient-centred radiology

**Charles Kahn**, Milwaukee, USA

Communication and the visible radiologist

**Erik Briers**, Hasselt, Belgium

The patient's perspective

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