

**TUESDAY, MAY 14 – POST GRADUATE COURSE**

Room 1

09:00-10:00 OPENING

Moderators: K. Lauerma, Helsinki/FI; P. Wood, Helsinki/FI

09:00 **Welcome of the ESPR Congress President**
K. Lauerma, Helsinki/FI09:10 **Welcome**
H. Kalliomäki, Helsinki/FI09:20 **Practical issues**
R. Seuri, Helsinki/FI09:30 **Imaging strategies and radiation exposure in paediatric multitrauma**
R. Kivisaari, Helsinki/FI; M. Kortensniemi, Helsinki/FI

10:00-10:30 Break

10:30-12:00 1. CHEST

Moderators: C. Owens, London/UK; E. Svedström, Turku/FI

10:30 **Interstitial lung diseases – An update**
C. Owens, London/UK11:00 **US of the lung**
V. Dermentzoglou, Athina/GR11:30 **MRI of the lung**
S.B. Görkem, Kayseri/TR

12:00-13:00 Break

13:00-14:30 2. ABDOMEN

Moderators: S. Robben, Maastricht/NL; A. Ruuskanen, Kuopio/FI

13:00 **Imaging strategies in acute abdomen – The newborn, the toddler and the adolescent child**
S. Robben, Maastricht/NL13:30 **Imaging IBD – An update**
T. Watson, London/UK14:00 **Focal liver lesions**
P. Petit, Marseille/FR

14:30-15:00 Break

15:00-16:30 3. PAEDIATRIC TRAUMA IMAGING

Moderators: R. Kivisaari, Helsinki/FI; L-S. Ording-Müller, Oslo/NO

15:00 **The role of ultrasound in paediatric trauma: From FAST to SLOW**
R. Kivisaari, Helsinki/FI15:30 **Contrast enhanced ultrasound in blunt abdominal trauma**
M. Stenzel, Cologne/DE16:00 **Paediatric trauma CT**
K. Johnson, Birmingham/UK

16:30-17:00 Break

17:00-18:30 4. GENITOURINARY DISEASES

Moderators: T.A. Augdal, Tromsø/NO; B. Damasio, Genoa/IT

17:00 **Imaging in UTI**
B. Damasio, Genoa/IT17:30 **The pediatric ovaries: An overview**
L-S. Ording-Müller, Oslo/NO18:00 **Imaging the testes: Torsion and beyond**
S. Kapanen, Ylöjärvi/FI**WEDNESDAY, MAY 15 – POST GRADUATE COURSE**

Room 1

08:30-10:00 5. HEAD AND NECK

Moderators: M. Raissaki, Heraklion/GR; P. Tanskanen, Oulu/FI

08:30 **Neck masses: The role of ultrasound**
M. Perhomaa, Oulu/FI09:00 **Neck lymphadenopathy and solid masses: Benign or malignant**
B. Tilea, Paris/FR09:30 **Thyroid ultrasound**
M. Raissaki, Heraklion/GR

10:00-10:30 Break

10:30-12:00 6. VASCULAR ANOMALIES

Moderators: K. Kyrklund, Hyvinkää/FI; L. Martelius, Helsinki/FI

10:30 **Basics of vascular malformations – From Correct Diagnosis to Adequate Treatment**
J. Aronniemi, Helsinki/FI; P. Salminen, Helsinki/FI11:15 **Infantile hemangioma and congenital hemangioma: Natural course, differential diagnostics and imaging pitfalls**
J. Aronniemi, Helsinki/FI; P. Salminen, Helsinki/FI

12:00-13:00 Break

13:00-14:30 7. NEURO

Moderators: É. Vázquez Méndez, Barcelona/ES; S. Toiviainen-Salo, Helsinki/FI

13:00 **Imaging in hydrocephalus: Diagnosis, monitoring and complications**
A. Rossi, Genoa/IT13:30 **Treating hydrocephalus – When and how**
A. Karppinen, Helsinki/FI14:00 **CNS emergencies in children: Do not miss lesions and entities**
É. Vázquez Méndez, Barcelona/ES

14:30-15:00 Break

15:00-16:30 8. FETAL IMAGING AND POSTNATAL CORRELATION

Moderators: M. Cassart, Brussels/BE; R. Seuri, Helsinki/FI

15:00 **Fetal brain in second trimester**
C. Garel, Paris/FR15:30 **Fetal pulmonary anomalies: Prenatal imaging and postnatal correlation**
M. Cassart, Brussels/BE16:00 **How to approach fetal abdominal tumors?**
F. Avni, Brussels/BE

16:30-17:00 Break

17:00-18:00 9. ORGAN TRANSPLANTATION

Moderators: I. Apine, Riga/LV; J. Herrmann, Hamburg/DE

17:00 **Radiological follow-up of transplanted liver**
J. Herrmann, Hamburg/DE17:30 **CEUS in organ transplantation**
A. Deganello, London/UK

**TUESDAY, MAY 14 – RADIOGRAPHER COURSE**

Room 2

10:30-12:00 1. COMMUNICATION

Moderators: A. Henner, Oulu/FI; J. Portelli, Msida/MT

- 10:30 **Child and cancer**
F. Schmitt, Turku/FI
- 11:00 **Radiation dose and risk**
T. Siiskonen, Helsinki/FI – TBC
- 11:30 **Benefit-risk communication in paediatric radiology**
J. Portelli, Msida/MT

12:00-13:00 Break

13:00-14:30 2. PAEDIATRIC TRAUMA

Moderators: B. Snaith, Bradford/UK; P. Wood, Helsinki/FI

- 13:00 **Imaging suspected physical abuse**
B.R. Mussman, Odense/DK
- 13:30 **Reporting radiographer in paediatric trauma imaging**
B. Snaith, Bradford/UK
- 14:00 **Reporting radiographer; Education also from abroad**
J. Huhtanen, Turku/FI

14:30-15:00 Break

15:00-16:30 3. IMAGE QUALITY

Moderators: J. Castillo, Fgura/MT; E. Metsälä, Helsinki/FI

- 15:00 **Imaging parameters and image quality in digital radiography**
H. Matikka, Kuopio/FI
- 15:30 **Assessing image quality in radiography**
M. Wirtanen, Helsinki/FI
- 16:00 **Improving quality of chest radiographs in infants to optimize diagnostic accuracy**
J. Bøge Steinmeier Larsen, Aarhus/DK

16:30-17:00 Break

17:00-18:00 4. DOSE OPTIMIZATION

Moderators: A. Henner, Oulu/FI; H. Niiniviita, Turku/FI

- 17:00 **DRLs as a tool for optimization – Recent guidelines**
R. Seuri, Helsinki/FI
- 17:30 **Exposure Indexes as a tool for the radiographer**
T. Hyppänen, Helsinki/FI

WEDNESDAY, MAY 15 – RADIOGRAPHER COURSE

Room 2

08:30-10:00 5. QUALITY IMPROVEMENT

Moderators: E. Metsälä, Helsinki/FI; G. Paulo, Coimbra/PT

- 08:30 **Self assessment in quality improvement**
K. Mieltunen, Vantaa/FI
- 09:00 **Establishment of national DRLs**
G. Paulo, Coimbra/PT
- 09:30 **Establishment of local DRLs in Riga children's hospital**
I. Apine, Riga/LV

10:00-10:30 Break

10:30-12:00 6. CT

Moderators: U. Nikupaavo, Helsinki/FI; D. Pecarovic, Ljubljana/SI

- 10:30 **Things to consider in pediatric CT - Patient preparation and protocol**
J. Mannila, Helsinki/FI
- 11:00 **Optimization of CT parameters**
D. Pecarovic, Ljubljana/SI
- 11:30 **Patient positioning, image quality and dose**
T. Kaasalainen, Helsinki/FI

12:00-13:00 Break

13:00-14:30 7. MRI

Moderators: J. Castillo, Fgura/MT; M. Takala, Helsinki/FI

- 13:00 **MRI safety**
J. Castillo, Fgura/MT
- 13:30 **MRI contrast agents**
A. Cradock, Dublin/IE
- 14:00 **Alternatives to sedation in paediatric MRI**
J. Gärdling, Lund/SE

14:30-15:00 Break

15:00-16:30 8. TIPS AND TRICKS IN CONVENTIONAL RADIOGRAPHY

Moderators: J.M. Grehan, Dublin/IE; E. Saukko, Turku/FI

- 15:00 **Immobilization in paediatric radiography**
M. Puolakanaho, Oulu/FI
- 15:30 **Imaging the child with special needs**
J.M. Grehan, Dublin/IE
- 16:00 **Mistakes in radiography that increase dose; What to avoid**
A. Henner, Oulu/FI

16:30-17:00 Break

17:00-18:00 9. DENTAL PANORAMA

Moderators: A. Henner, Oulu/FI; A. Sipola, Oulu/FI

- 17:00 **Acceptable image quality**
T. Pakkala, Helsinki/FI
- 17:30 **Tips to lower dose in dental panorama**
A. Sipola, Oulu/FI



THURSDAY, MAY 16 – ANNUAL MEETING

08:30-10:00 OPENING CEREMONY Room 1
Moderators: K. Lauerma, Helsinki/FI; K. Rosendahl, Bergen/NO

08:30 **Welcome from the ESPR Society President**
K. Rosendahl, Bergen/NO

08:40 **Welcome note from the Finnish Association of Radiologists**
S. Suoranta, Kuopio/FI

08:50 **Welcome note from STUK**
R. Bly, Helsinki/FI

09:00 **Guest lecture: Meeting the sick child and his parents**
F. Schmitt, Turku/FI

09:50 **Practical guidance and remarks**
R. Seuri, Helsinki/FI

10:00-10:30 Break

10:30-12:00 SCIENTIFIC SESSION: MSK Room 1
Moderators: I. Barber, Esplugues de Llobregat/ES;
L-S. Ording-Müller, Oslo/NO

10:30 **Keynote: Sport injuries in the spine**
I. Barber, Esplugues de Llobregat/ES

10:55 **Volume ultrasound imaging of the neonatal hip**
P. Henman, Newcastle upon Tyne/UK

11:04 **Applicability of magnetic resonance imaging for bone age estimation in the context of medical issues**
D. Vogeles, Ulm/DE

11:13 **Subperiosteal hemorrhage due to inflicted trauma: An uncommon and under-recognized injury on MR and x-ray**
J. Zember, Washington/US

11:22 **Medial Collateral Ligament (MCL) Avulsion Injuries: An Under-recognized and Underestimated Injury in Children and Adolescents**
D. Jarrett, Boston/US

11:31 **Three-dimensional morphometric assessment of the face with "black bone" magnetic resonance imaging**
J. Aguet, Zurich/CH

11:40 **MRI Imaging of autosomal recessive osteopetrosis (ARO): findings at diagnosis and outcomes after treatment**
F. Zennaro, Trieste/IT

11:49 **Bone marrow signal on Whole Body MRI in healthy, asymptomatic children. Establishing novel reference standards**
P. Zadig, Tromsø/NO

11:58 **Discussion**

10:30-12:00 TASKFORCE SESSION: FETAL IMAGING 1 Room 2
Moderator: F. Avni, Brussels/BE

10:30 **Presentation of the European Network of Fetal Imaging**
C. Garel, Paris/FR; M. Cassart, Brussels/BE

10:50 **Fetal neuro MRI - State of the art in the second trimester**
É. Vázquez Méndez, Barcelona/ES

11:10 **Fetal neuro MRI – State of the art in the third trimester**
M. Cassart, Brussels/BE; C. Garel, Paris/FR

11:30 **Fetal body imaging – About 3 clinical cases**
G. Colleran, Dublin/IE; M. Kyncl, Prague/CZ;
C. Sofia, Messina/IT

12:00-12:10 Break

12:10-13:00 INDUSTRY SPONSORED SYMPOSIUM Room 1

13:00-14:30 SCIENTIFIC SESSION: CHEST Room 1
Moderators: P. Ciet, Rotterdam/NL; L. Martelius, Helsinki/FI

13:00 **Keynote: Spirometry-guided HRCT of the lung**
P. Ciet, Rotterdam/NL

13:25 **Spontaneous pneumothorax in pediatric age group**
Ö.Ö. Yavuz, Ankara/TR

13:35 **Level of Narrowing and Adenoid & Palatine Tonsil Hypertrophy detected by Dynamic MRI in Paediatric OSA Patients Without Prior Surgery**
W.P. Cheung, Hong Kong/HK

13:45 **Diffuse Lung Disease Associated with Neurofibromatosis Type-1 in Children**
A. Bartoloni, Rome/IT

13:55 **Quantitative computed tomography of normal lung development in newborn and infants**
C. Barrera, Philadelphia/US

14:05 **Comparison of Thorax Ultrasound with Chest X-Ray in Childhood Viral and Bacterial Pneumonia**
S.B. Gorkem, Kayseri/TR

14:15 **Failure to re-position in the arms on portable NICU chest radiograph mimicks lamellar effusion – a quality assurance project**
C. Barrera, Philadelphia/US

14:25 **Discussion**

13:00-14:30 SCIENTIFIC SESSION: VASCULAR AND ABDOMINAL Room 2
Moderators: S. Díaz Ruiz, Stockholm/SE, R. Seuri, Helsinki/FI

13:00 **Keynote: Diagnostic tools for congenital lymphatic disorders; Modern time lymphography**
K. Lappalainen, Helsinki/FI

13:25 **Keynote: Thoracic duct embolization; Indications and technical aspects**
P. Gerwins, Uppsala/SE

13:50 **Two reader robustness assessment on 2D and 3D MR in anorectal malformations**
L. Breysem, Leuven/BE

13:56 **Long-term outcome of stent graft placement for treatment of extrahepatic congenital portosystemic shunt in children**
F. Thomas-Chausse, Montreal/CA

14:02 **Small Bowel Ultrasound: a first rate, first choice, first line imaging modality for Inflammatory Bowel Disease in the paediatric population**
J. Bretherton, London/UK

14:08 **Sonographic enema ("hydrocolon") for the assessment of colonic pathology: Case series to demonstrate the feasibility in neonates and infants**
E. Nagy, Graz/AT

14:14 **Measurement of liver stiffness in children using GE 2D-shear wave elastography: Effect of breath-holding and free-breathing**
Y.J. Cho, Seoul/KR

14:20 **Accuracy of CTA and MRA in the evaluation of mid-aortic syndrome**
F. Thomas-Chausse, Montreal/CA

14:26 **Discussion**

13:00-14:30 TASKFORCE WORKSHOP: CT Room 3

CT Protocols made easy
J. Lorenz, U. Nagl, B. Oppelt, E. Sorantin; Graz/AT
Separate registration compulsory, no registration fee (office@espr.org)

14:30-15:00 Break

**15:00-16:30 SCIENTIFIC SESSION: OUTREACH AND POST MORTEM** Room 1

Moderators: A. Föhr, Helsinki/FI; W. Hirsch, Leipzig/DE

- 15:00 **Keynote: Lung MRI – Technique, applications and future prospects**
W. Hirsch, Leipzig/DE
- 15:25 **Post-Mortem Computed Tomography (PMCT) Diagnostic Accuracy in Children**
S. Shelmerdine, London/UK
- 15:35 **Visualisation of the fetal bowel on post mortem magnetic resonance imaging scans**
G. Hyde, Sheffield/UK
- 15:45 **Development of an Integrated Simulator Program (ISP) utilizing PACS to provide a means for competency-based assessment of pediatric residents**
D.A. Castro, Toronto/CA
- 15:55 **Development of a reliable grading scheme to utilize when evaluating radiology resident reports**
D.A. Castro, Toronto/CA
- 16:05 **Is it necessary to perform perinatal autopsy after antenatal ultrasound and post-mortem MRI (PMMR)?**
S. Shelmerdine, London/UK
- 16:15 **Applications of Deep Learning in Radiology and Pediatric Radiology**
I.Ö. Koska, Izmir/TR
- 16:25 **Discussion**

15:00-16:30 SCIENTIFIC SESSION: ABDOMEN 1 Room 2

Moderators: E. Tyrväinen, Kuopio/FI; T. Watson, London/UK

- 15:00 **Evaluation of Periarticular Soft Tissues with Superb Microvascular Imaging and Shear Wave Elastography in Patients with Juvenile Rheumatoid Arthritis**
Z. Bayramoglu, Istanbul/TR
- 15:15 **Ultrasound features of complicated Meckel's diverticulum in children: About 55 cases**
J. Eulliot, Montpellier/FR
- 15:30 **Added Value of Bowel Sonography in Pediatric Acute Abdominal Pain - The Rambam Experience**
A. Ilivitzki, Haifa/IL
- 15:45 **Capsule endoscopy versus MR Enterography for the evaluation of small bowel Crohn's disease in children**
J-Y. Hwang, Busan/KR
- 16:00 **Diagnostic reference levels in paediatric fluoroscopy: How does a district general hospital compare with 2018 European guidelines?**
E. Ashworth, London/UK
- 16:15 **Sarcopenia as a predictor of severity of disease in children with primary sclerosing cholangitis**
E. Vainberg, Jerusalem/IL
- 16:30-17:00 Break

17:00-18:30 GENERAL ASSEMBLY Room 1



FRIDAY, MAY 17 – ANNUAL MEETING

08:00-08:30 JACQUES LEFÈBVRE LECTURE Room 1
 Moderator: T. Kaasalainen, Helsinki/FI;
 K. Lauerma, Helsinki/FI

From image quality to care outcome
 M. Kortesiani, Helsinki/FI



08:30-10:00 SCIENTIFIC SESSION: URINARY TRACT Room 1
 Moderators: K. Darge, Philadelphia/US; T. Pöyhiä, Helsinki/FI

08:30 **Keynote: CEUS in urinary tract anomalies**
 K. Darge, Philadelphia/US

08:55 **Keynote: MRI in urinary tract anomalies**
 J.D. Grattan-Smith, Atlanta/US

09:20 **SPR talk: Comparison of MR Tissue Phase Mapping and MR Feature Tracking in Children with Hypertrophic Cardiomyopathy**
 A. Lee, Chicago/US

09:28 **Age-adjusted Normal Enhancement Curves in Children Undergoing Functional MR Urography**
 H. Otero, Philadelphia/US

09:36 **Diagnostic imaging options in patients with anorectal malformations, their reliability and benefits**
 D. Maslava, Prague/CZ

09:44 **Contrast-enhanced voiding urosonography (ceVUS) for vesicoureteral reflux detection in children – Pilot Study**
 P. Pavicevic, Belgrade/RS

09:52 **The role of shear wave elastography in predicting the clinical outcome in paediatric patients with nephrotic syndrome**
 K. Asokan, Delhi/IN

08:30-10:00 SCIENTIFIC SESSION: ABDOMEN 2 Room 2
 Moderators: I. Apine, Riga/LV; J. Herrmann, Hamburg/DE

08:30 **Keynote: Post transplantation split-liver-imaging**
 J. Herrmann, Hamburg/DE

08:55 **Reduced radiation technique for radiographic evaluation of temporary feeding tube position**
 S. Kaplan, Philadelphia/US

09:04 **Transition from fluoroscopically-guided barium-reduction of ileocolic intussusception to sonographically-guided water-reduction in a tertiary paediatric Hospital**
 C. Hernández, Seville/ES

09:13 **Comparison of trans-temporal 3D ultrasound with cMRI**
 J. Jürgens, Hamburg/DE

09:22 **Preliminary results of liver fat fraction quantification by Ultrasound in children**
 A. D'Hondt, Brussels/BE

09:31 **Radiological appearances and clinical follow-up of focal nodular hyperplasia in children: a review of 71 patients**
 G. Chambers, Paris/FR

09:40 **MRCP in Primary Sclerosing Cholangitis in Children with Inflammatory Bowel Disease: A retrospective study**
 K. Patil, Toronto/CA

09:49 **Hepatic function assessment on Gd-EOB-DTPA-enhanced MRI in patients with biliary atresia – preliminary results**
 M. Kitami, Miyagi/JP

09:58 **Discussion**

10:00-10:30 Break

10:30-12:00 SCIENTIFIC SESSION: CT Room 1
 Moderators: C. Owens, London/UK; E. Sorantin, Graz/AT

10:30 **Keynote: Optimization possibilities with older and new scanners**
 E. Castellano, London/UK

10:55 **Keynote: Cardiac CT with older and new scanners**
 C. Owens, London/UK

11:20 **Comparison of different iterative reconstruction techniques and filtered back-projection for the evaluation of the medial clavicular epiphysis**
 M. Tozakidou, Hamburg/DE

11:28 **Algorithmic management of Paediatric Blunt Abdominal Trauma**
 S. Toso, Geneva/CH

11:36 **Towards the dream of ultra-low dose CT: AI for super resolution image**
 I.Ö. Koska, Izmir/TR

11:44 **Current Pediatric Radiation Doses from an International Computed Tomography (CT) Dose Registry by Age and Size**
 S. Yu, San Francisco/US

11:52 **Chest radiographs vs Computed Tomography for Detection of Rib Fractures (DRIFT Study)**
 S. Shelmerdine, London/UK

10:30-12:00 TASKFORCE SESSION: ABDOMEN 3 Room 2
 Moderators: L-S. Ording-Müller, Oslo/NO; P. Petit, Marseille/FR

10:30 **Imaging in biliary atresia**
 M. Napolitano, Milan/IT

10:52 **Intestinal dysmotility**
 T. Watson, London/UK

11:14 **CEUS for intracavitary use**
 D. Kljucvesek, Ljubljana/SI

11:36 **Novel applications in urogenital imaging that also may apply to children**
 N. Grenier, Bordeaux/FR

12:00-12:30 Break

12:30-13:30 INDUSTRY SPONSORED SYMPOSIUM Room 1

13:30-14:00 Break

14:00-14:30 SCIENTIFIC SESSION: INNOVATION Room 1
 Moderators: O. Arthurs, London/UK; E. Svedström, Turku/FI

14:00 **A method for thickness-based technique selection in computed and digital radiography using depth sensing and computer vision**
 R. MacDougall, Boston/US

14:07 **3D Printed Models of the rib cage in children with non-accidental injury as an effective visual-aid tool**
 C. Barrera, Philadelphia/US

14:14 **Utility of Augmented Reality for Presurgical Planning in Complex Pediatric Elbow Fractures**
 B. Laguna, San Francisco/US

14:21 **Feasibility of 3D Post-mortem Ultrasound in Perinatal Deaths**
 S. Shelmerdine, London/UK

14:28 **Discussion**



13:30-14:30	TASKFORCE SESSION: FETAL IMAGING 2	Room 2	15:55	Paediatric pulmonary ventilation and perfusion maps without contrast agent: A feasibility study on 3T using fourier decomposition		17:00-18:30	SCIENTIFIC SESSION: NEURO 1	Room 1
	Moderators: C. Garel, Paris/FR; S. Toivainen-Salo, Helsinki/FI			L. Macconi, Florence/IT			Moderators: P. Bendel, Kuopio/FI; M.H. Lequin, Utrecht/NL	
13:00	Keynote: Infection and fetal brain		16:05	ECMO Reporting: Development of an Educational Training Module and Standardized Reporting Template		17:00	Keynote: MRI in epilepsy; Technique and findings	
	C. Garel, Paris/FR			A. Hart, Boston/US			M.H. Lequin, Utrecht/NL	
13:25	Assessment of the fetal Main Pulmonary Artery Acceleration time/Ejection time ratio as a predictor of neonatal RDS in Diabetic mothers		16:15	Flow evaluation with 3D cine phase contrast velocity mapping: a multi-vendor comparison study		17:25	Doppler Imaging in hypoxic ischemic encephalopathy: What is the value of the resistivity index with/without compression of the fontanel?	
	S. Nayak, New Delhi/IN			J. Geiger, Zurich/CH			T. Sandgren, Linköping/SE	
13:34	Juxta diaphragmatic extralobar sequestrations: MRI prenatal aspects and postnatal correlations		16:25	Discussion		17:33	CT and multimodal MR Imaging features of Embryonal Tumors with Multilayered rosettes (ETMR) in children	
	M. Saguintaah, Montpellier/FR						V. Dangouloff-Ros, Paris/FR	
13:43	Fetal MRI Lung-to-Muscle Signal Intensity Ratio in Congenital Diaphragmatic Hernia: Establishing a Novel Technique		15:00-16:30	SCIENTIFIC SESSION: ONCOLOGY 1	Room 2	17:41	Clinical Feasibility of 1-minute Ultrafast Brain MRI protocol for the Pediatric Neuroimaging: A Single Center Pilot Study	
	K. Barton, Houston/US			Moderators: O. Kvist, Stockholm/SE; K. McHugh, London/UK			J.Y. Ha, Changwon/KR	
13:52	Contrast-Enhanced Ultrasound Evaluation of Fetal Brain Perfusion Parameters		15:00	Keynote: Imaging of toxicities and complications after cancer treatment in children		17:49	Brain perfusion predicts short term outcome in neonatal hypoxic ischemic injury	
	J.S. Martin-Saavedra, Philadelphia/US			K. McHugh, London/UK			S. Saade-Lemus, Philadelphia/US	
14:01	Fetal lung volume and lung signal intensity in congenital diaphragmatic hernia		15:25	Should chest CT be a requirement at initial diagnosis and staging of pediatric patients with neuroblastoma?		17:57	Septo-Optic Dysplasia: Time for an official name change?	
	A. Saunders, Sheffield/UK			E. Ternovaya, Moscow/RU			O. Carney, London/UK	
14:10	The Normal Cavum Septum Pellucidum during Fetal Development		15:34	Neuroimaging abnormalities at the diagnosis of acute lymphoblastic leukemia in children: Can the radiologist modify the clinical decision?		18:05	Optic pathway gliomas: MRI follow-up including imaging with gadolinium-based contrast agent: Accuracy of non-enhancement sequences for diagnosis of progression	
	V. MacRow-Wood, Sheffield/UK			B. Tilea, Paris/FR			J-F. Chateil, Bordeaux/FR	
14:19	Prenatal Presence of Myelomeningocele Sac Associated with Worse Neurologic Sequela: Evidence for Prenatal Stretch Injury		15:43	MR PET imaging of inflammation in paediatric oncology patients		18:13	Performance of Dedicated 1T Neonatal MRI System for Brain Injury Scoring at Term Equivalent Age	
	E. Oliver, Philadelphia/US			T. Cain, Melbourne/AU			N.A. Ata, Jerusalem/IL	
14:28	Discussion		15:52	Thoracic Air-Leak Syndrome Following Hematopoietic Stem Cell Transplantation in Pediatric Patients		18:20	Development of periventricular venous infarction in pretermly born infants	
				E. Ternovaya, Moscow/RU			N. Ilves, Tartu/EE	
14:30-15:00	Break		16:01	MRI volumetric assesment neurofibromas for the evaluation of the efficacy of mek inhibitors treatment		18:28	Discussion	
				I. Barber, Barcelona/ES				
15:00-16:30	SCIENTIFIC SESSION: CARDIAC	Room 1	16:10	The role of MRI for diagnosis of CNS involvement in children with acute lymphoblastic leukemia				
	Moderators: T. Chung, Oakland/US; K. Lauerma, Helsinki/FI			L. Porto, Frankfurt/DE				
15:00	Keynote: MRI for the assessment of blood flow; Difficult cases of quantification. How I do it		16:19	MRI evaluation of pancreatic volume and function in pediatric allogeneic hematopoietic stem cell transplantation (HSCT): a retrospective study				
	T. Chung, Oakland/US			F. Zennaro, Trieste/IT				
15:25	Quantitative analysis of CT-scans for bronchiolitis obliterans in vertically HIV- infected adolescents – comparison with CT assessment and clinical findings		16:28	Discussion				
	C. Barrera, Philadelphia/US							
15:35	Free-breath T2* mapping for myocardial iron assessment using 3T scanner		16:30-17:00	Break				
	E. Nazarova, Moscow/RU							
15:45	Systemic ventricular flow pattern disorder in d-TGA patients – a 4D-flow MRI study							
	F. Callaghan, Zurich/CH							



17:00-18:30 TASKFORCE SESSION: POST MORTEM IMAGING Room 2

Moderator: O. Arthurs, London/UK

17:00 **Introduction**

O. Arthurs, London/UK

17:05 **What do families really want?**

C. Lewis, London/UK

17:35 **Update on PM MR protocols**

E. Whitby, Sheffield/UK

18:05 **Latest developments in PM imaging**

S. Shelmerdine, London/UK

18:35 **Taskforce update and next steps**

O. Arthurs, London/UK

17:00-18:30 TASKFORCE WORKSHOP: CT Room 3

CT Protocols made easy

J. Lorenz, U. Nagl, B. Oppelt, E. Sorantin; Graz/AT

Separate registration compulsory, no registration fee (office@espr.org)



SATURDAY, MAY 18 – ANNUAL MEETING

08:00-08:30 JESPER LECTURE Room 1
Moderators: P. Caro Domínguez, Sevilla/ES;
O. Kvist, Stockholm/SE

Fetal Cardiac MRI
M. Seed, Toronto/CA



08:30-10:00 TASKFORCE SESSION: MSK Room 1
Moderators: K. Rosendahl, Bergen/NO; L. Tanurri de Horatio, Rome/IT

08:30 **Introduction**
K. Rosendahl, Bergen/NO

08:35 **Imaging assessment of a child presenting with possible inflammatory arthritis: ESPR-ESSR Joint Recommendations**
K. Rosendahl, Bergen/NO

08:55 **Imaging the temporomandibular joint in children with Juvenile Idiopathic Arthritis (JIA) A large multicentre study. Preliminary results/MRI**
T.A. Augdal, Tromsø/NO

09:25 **Imaging assessment of osteopenia/osteoporosis in children. An update**
A. Offiah, Sheffield/UK

09:45 **Discussion**

08:30-10:00 EDUCATIONAL SESSION: ADVANCES AND CHALLENGES Room 2
Moderators: L. Gordon Murkes, Stockholm/SE; J. Peltonen, Helsinki/FI

08:30 **3D printing**
L. Gordon Murkes, Stockholm/SE

08:55 **3D flat panel-system in OR; Optimization and dose**
J. Peltonen, Helsinki/FI

09:20 **Dose-management systems – Challenges in paediatrics**
H. Niiniviita, Turku/FI

09:45 **Discussion**

10:00-10:30 Break

10:30-12:00 TASKFORCE SESSION: OUTREACH „IMAGING IN PAEDIATRIC TROPICAL DISEASE“ Room 1
Moderators: J. Kasznia-Brown, Taunton/UK; J. Kapur, Singapore/SG

10:30 **Hydatid disease**
K. McHugh, London/UK

10:45 **Infections of the CNS**
S. Andronikou, Bristol/UK

11:15 **Chest imaging and tuberculosis**
K. Chetcuti, Barcelona/ES

11:25 **MSK infections and trauma**
J. Kasznia-Brown, Taunton/UK

11:40 **Distant diagnosis in tropical disease – Tele-radiology and clinical radiology meetings from Philadelphia**
H. Otero, Philadelphia/US

10:30-12:00 TASKFORCE SESSION: ONCOLOGY 2 Room 2
Moderators: C. Granata, Genoa/IT; T. von Kalle, Stuttgart/DE

10:30 **Introduction “Aims of the taskforce Oncology”**
J. Schäfer, Tuebingen/DE

10:35 **Whole-body MR in children with cancer: Applications and possible impact on treatment and prognosis”**
R.A.J. Nievelstein, Utrecht/NL

10:55 **Update on activities of Radiology specialty committee of the SIOPEN**
C. Granata, Genoa/IT

11:00 **International Neuroblastoma Response Criteria: What is new?**
K. McHugh, London/UK

11:10 **Staging and response assessment in Neuroblastoma by DWI: Is there a complementary role to 123mIBG?**
M. Beer, Ulm/DE

11:25 **(Early) response assessment and detection of residual disease in solid small round cell tumours: Do we need 18F-FDG-PET or other tracer?**
S. Voss, Boston/US

11:45 **Panel discussion**
C. Granata, Genoa/IT; T. von Kalle, Stuttgart/DE

12:00-12:30 Break

12:30-13:00 OUTREACH SESSION Room 1

13:00-14:30 TASKFORCE SESSION: CHILD ABUSE „BACK TO BASICS OR BACK TO ESSENTIALS?“ Room 1
Moderators: A. Offiah, Sheffield/UK; M. Raissaki, Heraklion/GR

13:00 **History and examination BEFORE investigation**
S. Tupola, Helsinki/FI

13:30 **Bones of Contention – Real and Imagined Differential Diagnoses**
I. Barber, Esplugues de Llobregat/ES

14:00 **The IPR/ESPR White Paper on AHT: Is Anything ever Black or White?**
A. Choudhary, Wilmington/US

13:00-14:30 TASKFORCE SESSION: NEURO 2 Room 2
Moderators: M. Argyropoulou, Ioannina/GR;
J-F. Chateil, Bordeaux/FR

The role of perfusion and diffusion indices for the prediction of paediatric brain tumour grade
G. Alexiou, Ioannina/GR

14:30-15:00 CLOSING CEREMONY + AWARDS Room 1
Moderators: K. Lauerma, Helsinki/FI; K. Rosendahl, Bergen/NO