

**ESPR  
2023**

**57<sup>th</sup> ANNUAL MEETING &  
43<sup>rd</sup> POST GRADUATE COURSE**



**ESPR**  
European Society of  
Paediatric Radiology

# **FINAL PROGRAMME & INDUSTRY SIMPOSIA**

**BELGRADE, SERBIA / Crowne Plaza Hotel**

**05 - 09 June**

# ESPR 2023

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### POST GRADUATE COURSE

#### DAY 1 - Monday, 5<sup>th</sup> June 2023

09.00 - 09.30 **Opening ceremony**

09.30 - 11.00 **Fetal MRI for beginners** Chairs: Martin Kyncl, Erika Rubesova

09.30 - 09.57 Building a Fetal MRI program in practice Teresa Victoria

09.57 - 10.24 Fetal MRI for the diagnosis of body anomalies Erika Rubesova

10.24 - 10.51 Fetal MRI for the diagnosis of neurological anomalies Martin Kyncl

10.51 - 11.00 Discussion

11.00 - 11.30 **Coffee break**

11.30 - 13.00 **Paediatric urethral pathology** Chairs: Frederika Papadopoulou, Polina Pavićević

11.30 - 11.50 Reconstructive surgery of urethra in children Miroslav Đorđević

11.50 - 12.10 Diagnosis of congenital urethral anomalies by voiding cystourethrography Polina Pavićević

12.10 - 12.30 CeVus of urethra Frederica Papadopoulou

12.30 - 13.00 Discussion

13.00 - 14.00 **Lunch**

14.00 - 15.30 **Endocrine diseases in children** Chairs: Maria Raissaki, Lil-Sofie Ording Muller

14.00 - 14.20 Disorders of Puberty: An Approach to Diagnosis and Management Vera Zdravkovic

14.20- 14.40 Neuroimaging for the paediatric endocrinologist Sandra Nedovic

14.40 - 15.00 Imaging of the thyroid and parathyroid glands in children Maria Raissaki

15.00- 15.20 Female Pelvis: Precocious Puberty – Primary Amenorrhea Lil-Sofie Ording Muller

15.20- 15.30 Discussion

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15.30 - 16.00 **Coffee break**

16.00 - 17.30 **Juvenile idiopathic arthritis** Chairs: Damjana Ključevšek, Laura Tanturri de Horatio

16.00 - 16.20 The role of radiography in diagnosing, monitoring and predicting JIA

Damjana Ključevšek

16.20 - 16.40 The role of ultrasound in diagnosing, monitoring and predicting JIA

Iwona Sudol-Szopinska

16.40 - 17.00 The role of MRI in diagnosing, monitoring and predicting JIA

Laura Tanturri de Horatio

17.00 - 17.20 Clinical perspective on JIA imaging

Tadej Avčin

17.20 - 17.30 Discussion



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### POST GRADUATE COURSE

#### DAY 2 - Tuesday, 6<sup>th</sup> June 2023

08.30 - 10.00	<b>Paediatric cardiac CT for beginners</b>	Chairs: Aurelio Secinaro, Pablo Caro-Dominguez
08.30 - 08.57	Technique, indications, hardware, ECG-gating and contrast	Joost van Schuppen
08.57 - 09.24	Exciting cases: congenital heart disease	Lucia Rianza-Martin
09.24 - 09.51	Exciting cases: coronary arteries and aortic anomalies	Maria Navallas
09.51 - 10.00	Discussion	
10.00 - 10.30	<b>Coffee break</b>	
10.30 - 12.00	<b>Imaging of diaphragmatic pathology</b>	Chairs: Teresa Victoria, Jovan Lovrenski
10.30 - 10.50	Ultrasound imaging of diaphragmatic motion: the technique	Lauren May
10.50 - 11.05	Ultrasound imaging of diaphragm: the cases	Jovan Lovrenski
11.05-11.25	The role of MRI in evaluation of functional diaphragmatic disorders	Pierluigi Ciet
11.25-11.50	Fetal and postnatal MRI in evaluation of diaphragmatic hernia	Teresa Victoria
11.50-12.00	Discussion	
12.00 - 13.00	<b>Interstitial lung diseases</b>	Chair: Alistair Calder
12.00 - 12.50	Radiological - pathological correlation in children with chILD: a structured approach to the diagnosis	Pierluigi Ciet and Jan von der Thusen
12.50 - 13.00	Discussion	
13.00 - 14.00	<b>Lunch</b>	

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14.00 - 15.40	<b>Neonatal neuroradiology</b>	Chairs: Katarina Koprivšek, Savvas Andronikou
14.00 - 14.20	Brain CEUS - where are we now?	Misun Hwang
14.20 - 14.40	MRI in cerebral sinovenous thrombosis - clear-cut or dilemma?	Katarina Koprivšek
14.40 - 15.00	The brain's kryptonite: a practical approach to punctate white matter lesions in neonates	Felice D'Arco
15.00 - 15.20	Delayed MR Imaging of the brain in neonatal hypoxic ischaemic injury: lessons from the developing world	Savvas Andronikou
15.20 - 15.40	Dicsussion	
15.40 - 16.40	<b>Integrative Diagnostics of the gastro-intestinal tract</b>	Erich Sorantin, Andrea Huber-Zeyringer
16.40 - 17.10	<b>Coffee break</b>	
17.10 - 17.55	<b>Jesper lecture</b> Hot topics in paediatric radiology in the next decade	Kassa Darge

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### ANNUAL MEETING

**DAY 3 - Wednesday, 7<sup>th</sup> June 2023**

	ROOM 1	ROOM 2	ROOM 3
08.30- 09.00	<b>Opening ceremony</b>		
09.00 - 10.30	<b>Cardiothoracic TF: Lung and cardiovascular infections in immunocompetent and immunocompromised children</b> Chairs: Pablo Caro-Dominguez, Jovan Lovrenski	<b>Fetal TF: Normal and pathological spinal cord</b> Chairs: Marie Cassart, Catherine Garel	10.00 - 12.30 <b>Intravenous Contrast-enhanced Ultrasound (CEUS)</b>
09.00 - 09.20	Imaging of complicated pneumonia - from CR to MRI - Efthymia Alexopoulou	09.00 - 09.15 Normal sonographic patterns of the fetal spine and spinal cord - Catherine Garel and Eleonore Blondiaux	<b>A. IV CEUS</b>
09.20 - 09.40	Complicated pneumonia from pulmonologist's point of view - raising a level of mutual understanding and cooperation - Silvia Carraro	09.15 - 09.50 MRI of the fetal spinal cord - Andrea Rossi	
09.40 - 10.00	Imaging of paediatric cardiac infections - Daniel Gräfe	09.50 - 10.20 Fetal spinal cord pathologies: pre - and postnatal correlations - Catherine Garel	<b>SESSION 1: Intravenous CEUS procedure</b>
10.00 - 10.20	Lung infections in immunocompromised children -Alistair Calder		10.00 - 10.05 Contrast preparation Alyx Escamilla & Elizabeth Brennan
10.20 - 10.30	Discussion	10.20 - 10.30 Discussion	10.05- 10.20 Intravenous CEUS technique - phantom live demonstration Alyx Escamilla & Dr. Susan J. Back
10.30 - 11.00	<b>Coffee break</b>		10.20 - 10.35 Safety of intravenous and intracavitary CEUS in children Aikaterini Ntoulia
11.00 - 12.30	<b>CT and dose TF: Patient shielding and CT protocols made easy - "Patient shielding is no longer needed"</b>	<b>Neuroradiology TF</b> Chairs: Maria Argyropoulou, Catherine Adamsbaum	10.35 - 10.45 Break
			<b>SESSION 2: Intravenous CEUS applications</b>
			10.45 - 10.55 Hepatic CEUS: routine examinations Rebecca Dennis
			10.55 - 11.05 Hepatic CEUS: trouble shooting tool Rebecca Dennis

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11.00 - 11.15	Pros - Claudio Granata	11.00 - 11.27	Standardised protocols for magnetic resonance imaging in paediatric head and neck pathologies: a consensus statement - Felice D'Arco	11.05 - 11.15	Interventional radiology: Intra-vascular applications of CEUS Abhay Srinivasan
				11.15 - 11.25	Questions - Break
11.15 - 11.30	Cons - Erich Sorantin	11.27 - 11.54	New and revised brain tumor types - Volodia Dangouloff-Ros	<b>SESSION 3: Intravenous CEUS in advanced applications</b>	
11.30 - 11.35	Discussion	11.54 - 12.21	AI in paediatric neuro-oncology - Kish Mankad	11.25 - 11.45	Trouble shooting with intravenous CEUS outside of the liver Susan J. Back & Aikaterini Ntoulia
11.35 - 11.50	Radiologic imaging during pregnancy: dose exposure and related risks for the fetus - Joanna Kasznia-Brown			11.45 - 11.55	Bowel CEUS: evaluation of inflammatory bowel disease Damjana Ključevšek
11.50 - 11.55	Discussion			11.55 - 12.05	Bowel CEUS in the intensive care unit Misun Hwang
11.55 - 12.25	CT Protocols made easy - an ultrafast guide- Erich Sorantin			12.05 - 12.15	Brain CEUS Misun Hwang
12.25 - 12.30	Discussion	12.21 - 12.30	Discussion	12.15 - 12.25	Questions - Break
12.30 - 13.30	<b>Lunch</b>			<b>12.30 - 13.30 Lunch</b>	
13.30 - 15.00	<b>ESPR meets Image Gently Alliance: Voices and Choices for Children - Diagnostic Reference Levels and Cumulative Radiation Dose Monitoring and Relevance to Patient Care</b> Chairs: Donald Frush, Claudio Granata	<b>Interventional radiology TF</b> Chairs: Simon McGuirk, Stéphanie Franchi-Abella		<b>B. INTRACAVITARY CEUS</b>	

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13.30 - 13.35	Introduction (Donald Frush)	13.30 - 13.57	Paediatric IR in oncology - Fernando Gomez	<b>SESSION 1: Intravesical CEUS procedure</b>	
13.35 - 14.00	Diagnostic Reference levels: European and North American approach (Claudio Granata and Donald Frush)	13.57 - 14.12 14.12 - 14.51	Image Guided Drain Insertion - Pleural Effusion, Abscesses and other indications - Ralph Gnannt Paediatric Interventional Radiology at Kantha Bopha Hospital in Cambodia - Ung Sithaung	13.30-13.45	Intracavitary CEUS technique - phantom live demonstration Elizabeth Brennan & Susan J. Back
				<b>SESSION 2: Contrast-enhanced voiding urosonography (ceVUS)</b>	
				13.45-13.55	CeVUS in vesicoureteral reflux Kassa Darge
				13.55-14.05	CeVUS in urethral assessment Viviana Patricia Beltran Salazar
				14.05-14.15	Advanced GU applications Kassa Darge
				14.15-14.25	Break
				<b>SESSION 3: Interventional Radiology: intracavitary applications</b>	
				14.25-14.35	Procedural intra-cavitary applications of CEUS in IR Abhay Srinivasan
				14.35-14.45	Intralymphatic applications of CEUS Fernando Escobar
				14.45-14.55	Questions - Break
<b>SESSION 4: Future directions</b>					
14.00 - 14.25	Cumulative Radiation Dose (Donald Frush)			14.55-15.10	Paediatric CEUS highlights: what is the future direction of CEUS Kassa Darge
14.25 - 15.00	Panel discussion with audience participation (Claudio Granata, Donald Frush, Erich Sorantin)	14.51-15.00	Discussion	15.10-15.25	Session B wrap up - Course closing
15.00-15.30	<b>Coffee break</b>				

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15.30-17.00	<b>Outreach TF session: Imaging of unusual infections in children - what's new?</b> Chairs: Joanna Kasznia-Brown, Tatiana Fazecas	<b>Scientific session: Neuroradiology and Fetal Imaging</b> Chairs: Marya Argyropoulou, Marrie Cassart		
15.30-15.47	Pre - and postnatal evaluation of congenital infections - Tatiana Fazecas	15.30-15.55	Plenary lecture - Paediatric MR encephalography - Tim Roberts	
15.47-16.04	Paediatric Pulmonary TB - Current perspectives and future directions - Kushaljit Singh Sodhi	15.55-16.01	MRI and Neurosonogram correlation of paediatric brain with dystocia - Dhananjaya Kotebagilu Narayana Vamyanmane	
		16.01-16.07	An easy applicable brain myelin quantification method - Efstratios Karavasilis	
16.04-16.21	COVID and atypical chest infections - Domen Plut	16.07-16.13	Cerebral Blood Flow Patterns in Preterm and Term Neonates Assessed with Pseudo-Continuous Arterial Spin Labeling Perfusion MRI - Eleonora Piccirilli	<b>16.00 - 16.30 CEUS Hands-On Workshop</b>
		16.13-16.19	Isolated hypogonadotropic hypogonadism in adolescence: Do we need to measure pituitary gland? A retrospective MRI study - Ercan Ayaz	
		16.19-16.25	Intraoperative MRI assessment of the tissue damage during laser ablation of Hypothalamic Hamartoma - Felice D'Arco	
16.21-16.38	Challenges in imaging intracranial infections - Savvas Andronikou	16.25-16.31	Do children with suspected inflicted skull fractures really need an MRI? - Harriet Edwards	
		16.31-16.37	Frequency of Cerebellar-Thalamic Circuit Involvement in Term Hypoxic-Ischemic Injury and Relationship to MRI	

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			Pattern of Injury - Luis Octavio Tierradentro-Garcia	
16.38-16.55	Imaging findings of paediatric hydatid disease - Carlos Ugas	16.37-16.43	Image Quality Transfer can improve the contrast and lesion characterisation in low-field MRI - Matteo Figini	16.45 - 17.15 CEUS Hands-On Workshop
		16.43-16.49	Is there a difference in subcortical volume in children with non-lesion and lesion epilepsy? - Zorica Joković	
		16.49-16.55	Contributions of Adding a Routine Mastoid Fontanel Approach to Anterior Transfontanel Evaluation in the Newborn - Sevinc Tasar	
16.55-17.00	Discussion	16.55-17.10	Discussion	
17.30- 19.00	<b>General assembly</b>			17.30 - 18.15 CEUS Hands-On Workshop 18.15 - 18.45 CEUS Hands-On Workshop



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### ANNUAL MEETING

**DAY 4 - Thursday, 8<sup>th</sup> June 2023**

	<u>ROOM 1</u>	<u>ROOM 2</u>		<u>ROOM 3 - ROUND TABLE</u>
08.30 - 09.00				
09.00 - 10.30	<b>WFPI session</b>	<b>Scientific session: Cardiothoracic</b> <b>Chairs: Pablo Caro Dominguez, Franz Wolfgang Hirsch</b>		
09.00 - 09.17	Ultrasound imaging in paediatric neonatal care unit - Joanna Kasznia-Brown	09.00-09.25	Plenary lecture: What is real-time MRI and what is it used for in paediatric radiology? - Franz Wolfgang Hirsch	<b>9.00 - 9.30 CEUS Hands-On Workshop</b>
09.17 - 09.34	Ultrasound imaging in vascular soft tissue lesions- Andres Garcia Bayce	09.25-09.31	Late chest wall sequelae after neonatal corrective surgery for esophageal atresia: a real-time MRI study - Daniel Grafe	
09.34 - 09.51	Transperineal evaluation of genitourinary pathologies - Tatiana Fazecas	09.31-09.37	The usefulness of lung ultrasound in newborns and infants with respiratory pathologies - Emil Robert Stoicescu	
09.51 - 10.08	Tips and pitfalls in acute scrotal ultrasound - Andres Garcia Bayce	09.37-09.43	Dual Phase CTA evaluation of the Pulmonary Veins with Dual Energy and High-pitch ECG-Gated CTA - Jordan Rapp	<b>10.00 - 10.30 CEUS Hands-On Workshop</b>
		09.43-09.49	Phase resolved functional lung (PREFUL) MRI detects improvement of perfusion and ventilation after Elexacaftor/Tezacaftor/Ivacaftor therapy in patients with Cystic Fibrosis - Martha Dohna	
		09.49-09.55	UTE/ZTE lung-MRI in the diagnosis of tracheobronchial stenosis in children - Nadja Kocher	
		09.55-10.01	CT-Based Predictive Model for Myocardial Ischemia in Anomalous Aortic Origin of Coronary Artery - Rajesh Krishnamurthy	

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		10.01-10.07	Conservative vs. surgical treatment of parapneumonic effusions in children - where are the ultrasonographic boundaries? - Svetlana Balj Barbir	
		10.07-10.13	Congenital Variants and Anomalies of the Aortic Arch - single centre study - Vesna Topić	
10.08 - 10.25	Contrast ultrasound in abdominal trauma - Kassa Darge	10.13-10.19	Dynamic Contrast Magnetic Resonance Lymphangiography (DCMRL) in Neonates and Children: categorizing imaging findings to predict outcome and to guide therapy - Ralph Gnannt	
10.25 - 10.30	Discussion	10.19-10.30	Discussion	
10.30 - 11.00	Coffee break			
11.00 - 12.55	<b>Artificial intelligence TF</b> Chair: Susan Shelmerdine	11.00 - 12.00	<b>Oral presentations of chosen young paediatric radiologists (3)</b>	11.00 - 11.30 CEUS Hands-On Workshop
11.00 - 11.23	Intended and Unintended Consequence of AI for Paediatric Radiology - Susan Shelmerdine	11.00 - 11.20	Radiomics and chemotherapy response in paediatric patients with Ewing-Sarcoma - Julia Miedler	12.00 - 12.30 CEUS Hands-On Workshop
11.23 - 11.46	My journey with AI - Jaishree Naidoo	11.20 - 11.40	MRI-DWI in paediatric renal tumors - Correlation with histopathology - Justine N. Van der Beek	
11.46 - 12.10	AI conception to commercialization - Jeevesh Kapur	11.40 - 12.00	Mucopolysaccharidosis - Demographics and Imaging Findings - Ercan Ayaz	
12.10 - 12.55	<b>AI workshop</b> - Jaishree Naidoo	12.00 - 12.30	<b>Jacques Lefebvre lecture -Penile reconstructive surgery in children and adolescents</b> - Miroslav Đorđević	
12.30 - 13.30	Lunch			
13.30 - 15.00	<b>Research session: How to succeed</b> Chairs: Amaka Offiah, Owen Arthurs	<b>Scientific session: Oncology and Interventional Radiology</b> Chairs: Rutger A.J. Nievelstein, Ralph Gnannt		

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13.30 -13.47	How to start and design your project - Savvas Andronikou	13.30-13.55	<b>Plenary lecture:</b> Staging and response assessment in paediatric lymphoma: an update! Rutger A.J. Nievelstein	
13.47 -14.04	Looking for funding and grant application - Susan Shelmerdine	13.55-14.01	Imaging of paediatric mandibular tumors - Birgit Spors	<b>14.00 - 14.30 CEUS Hands-On Workshop</b>
		14.01-14.07	Radiological signatures to differentiate hepatocellular carcinoma from hepatoblastoma in children over 5 years of age - Gozde Ozer	
		14.07-14.19	Super-selective embolisation for traumatic non-ischaeamic priapism; a case series - Jonathan Bevan	
		14.19-14.25	Diffuse midline Glioma different locations and tips differential diagnosis - Marta Gomez Chiari	
		14.25-14.31	Retrospective series of renal biopsies in paediatric patients from 2016 to 2022: analysis of complications and outcomes using a standardized protocol - Marta Gonzales Carballes	
		14.31-14.37	Feasibility and diagnostic accuracy of early postoperative MRI after resection of neuroblastic tumors - Maryanna Chaika	
		14.37-14.43	Two-year experience of Treatment of Osteoid Osteomas and Osteoblastomas in a Paediatric tertiary hospital - Rituparna Saha	
14.04 -14.21	Making research easy - Owen Arthurs	14.43-14.49	Preoperative Multimodal Assessment of Functional and Metabolic Tumor Volume in Paediatric Rhabdomyosarcoma - Simon Männlin	
14.21 -14.38	How not to get into the trouble - Hansel Otero	14.49-14.55	Virtual reality glasses: distraction technique to reduce sedation rates in children undergoing interventional radiology procedures - Elisa Aguirre Pascual	
14.38 -14.55	Getting your research published: an editor's point of view - Amaka Offiah			

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14.55 - 15.10	Discussion	14.55-15.10	Discussion	
15.10 - 15.30	Coffee break			
15.30 - 17.00	<b>Oncology TF</b> Chair: Rutger A.J. Nievelstein	<b>Scientific session: Child abuse and Post mortem</b> Chairs: Rick R.Van Rijn, Owen Arthurs		<b>15.30 - 16.00 CEUS Hands-On Workshop</b>
15.30 - 15.35	Introduction - Rutger A.J. Nievelstein	<b>15.30-15.55</b>	<b>Plenary lecture:</b> Child abuse - a post-mortem forensic perspective - Rick R.Van Rijn	
15.35 - 16.00	Hybrid Imaging in paediatric oncology - Jürgen Schaefer	<b>15.55-16.01</b>	Rib fracture diagnosis in suspected abuse: computed tomography or radiographs (RECEPTOR): a multicentre diagnostic accuracy observational study - Nasser Alzahrani	
16.00 - 16.25	Imaging Biomarkers/Radiomics in paediatric oncology: first results from the PRIMAGE project - Diana Veiga Canuto	<b>16.01-16.07</b>	International consensus statement on the radiological screening of contact children in the context of suspected child physical abuse - Jai Sidpra	<b>16.15 - 16.45 CEUS Hands-On Workshop</b>
		<b>16.07.16.13</b>	Combined Prenatal US and Post-mortem fetal MRI: can they replace conventional autopsy for fetal body abnormalities? - Marine Moeremans	
		<b>16.13-16.19</b>	Submission Preview: Structuring International Paediatric Radiology coverage at a major United States Academic Children's Hospital - Benjamin Taragin	
		<b>16.19-16.25</b>	CT carbon calculator - Michael Jackson	
		<b>16.25-16.31</b>	Prevalence of metaphyseal fractures in infants with and without evidence of abusive head injury: Does shaking cause metaphyseal fractures? - Um-Kalsum Rashed	
		<b>16.31-16.37</b>	When Greens Are Not So Good for You. Soft Tissue Foreign Bodies: a Radiology and Plastic Surgery Perspective - Fiona Katherine McCurdie	

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		16.37-16.43	Imaging findings of head and neck juvenile xanthogranuloma, in 10 patients - Francois Chalard	
		16.43-16.49	Imaging findings of pulmonary and extrapulmonary sarcoidosis in children - Gozde Ozer	
		16.49-16.55	Significant increase in complicating upper respiratory tract infections in children during the 2022/2023 winter season - a post COVID effect? - Corona Metz	
16.25 - 16.50	New therapeutics in paediatric solid tumors; what the paediatric radiologist should know! - Miranda Dierselhuis	16.55-17.01	Clinico-radiological rounds with ultrasonography in neonatal intensive care unit - Dhananjaya Kotebagilu Narayana Vamymanane	
16.50 - 17.00	Discussion	17.01-17.10	<b>Discussion</b>	
17.30 - 18.30		<b>Jesper session - Daily routine challenges for young paediatric radiologists</b> Chair: Julian Jürgens		17.00 - 17.30 CEUS Hands-On Workshop
17.30 - 17.41		Challenges for young paediatric radiologists - Julian Jürgens		
17.41 - 17.52		Challenge 1: The difficult child - Catherine Owens (TBC)		
17.52 - 18.03		Challenge 2: Talk to parents - Alexia Dabadie		
18.03 - 18.14		Challenge 3: Talk about mistakes - Erich Sorantin		
18.14 - 18.25		Challenge 4: How to compete with hard cases - Rutger Jan Nievelstein		
18.25 - 18.30		Discussion		

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### ANNUAL MEETING

**DAY 5 - Friday, 9<sup>th</sup> June 2023**

	<b>ROOM 1</b>	<b>ROOM 2</b>	<b>ROOM 3</b>
09.00 - 10.40	<b>Child abuse TF: Keeping an open mind</b> Chair: Amaka C Offiah	<b>Scientific session: GI and GU</b> Chairs: Giulia Perucca, Seema Toso	<b>9.00 - 9.30 CEUS Hands-On Workshop</b>
09.00 - 09.02	Introduction - Amaka C Offiah		
09.02 - 09.20	TEN-4-FACEsp: A mnemonic not to forget - Michelle Nagtegaal	09.00-09.25 Plenary lecture: Paediatric MR lymphangiography - Jordan Rapp	
09.20 - 09.38	Alternative diagnoses: what else besides abusive fractures? - Anmarie Jeanes	09.25-09.31 Shear wave elastography and shear wave dispersion correlated to biopsy in scheduled follow-up of paediatric liver grafts - Ivan Cetinic	
		09.31-09.37 Liver MR and US elastography correlation to 4D flow and lymphatic stasis in paediatric Fontan circulation - Charlotte de Lange	
		09.37-09.43 Liver shear wave elastography and portal venous doppler estimation before and after meal in paediatric patients with diffuse liver disease - Tijana Radović	
		09.43-09.49 Quantified Motility MR Enterography Response Assessment in Paediatric Inflammatory Bowel Disease - Riwa Meshaka	
		09.49-09.55 Hepato-renal index on ultrasound in overweight children as non-invasive quantitative imaging biomarker - Virginie Frings	
		09.55-10.01 Ultrasound shear-wave elastography and attenuation imaging compared to histology in paediatric patients - Michael Zellner	

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		10-01-10.07	Is ASL MRI the new tool for reliable renal perfusion quantification? Study of quality and reliability of repeated measurements - Tijana Radović	
09.38 - 09.56	Alternative diagnoses: What else besides AHT? - Kshitij Mankad	10.07-10.13	Ovarian Torsion: Challenges in Sonographic-Surgical discordance - Anna Seehofnerova	
		10.13-10.19	Antibiotic Prophylaxis for Micturating Cystourethrography: Findings from a National Multidisciplinary Survey - Harsimran Laidlow-Singh	
09.56 - 10.14	Bayes in child abuse - Michelle Nagtegaal	10.19-10.25	Comparison of superb microvascular imaging with Color and Power Doppler imaging in the evaluation of testicular vascularity with Doppler Ultrasound for determination of viability in undescended testes in children - Mustafa Faraşat	
10.14 - 10.27	East meets West: Differences between Eastern and Western Europe? Panel discussion - Amaka C Offiah, Maria Raissaki, Damjana Ključevšek, Irmina Sefić, Goran Roić, Jovan Lovrenski	10.25-10.31	An optimised diagnostic imaging pathway for suspected renovascular hypertension in children- Rita Pina Prata	<b>10.00 - 10.30 CEUS Hands-On Workshop</b>
10.27 - 10.30	Closing Remarks - Amaka C Offiah	10.31-10.40	Discussion	
10.30 - 11.00	<b>Coffee break</b>			
11.00 - 12.30	<b>Voiding disfunctions</b> Chairs: Damjana Ključevšek, Erich Sorantin	<b>Musculoskeletal TF</b> Chairs: Karen Rosendahl, Laura Tanturri de Horatio		<b>11.00_ - 11.30 CEUS Hands-On Workshop</b>
11.00 - 11.27	Classification, pathogenesis and clinical approach to voiding dysfunctions, urinary incontinence and enuresis in children - Andrea Cvitković Roić	11.00 - 11.05	Introduction - Karen Rosendahl	
11.27 - 11.54	The role of ultrasonography techniques in children with voiding dysfunction - Damjana Ključevšek	11.05 - 11.25	Ultrasound of the joints in children; MSK TF recommendations on techniques and measurements - Céline Habre	
11.54 - 12.21	Non-ultrasound imaging methods in voiding dysfunctions - Erich Sorantin	11.25 - 11.45	Novel standards for knee ultrasound - Silvia Costa Dias	

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# ESPR 2023

## 57<sup>th</sup> ANNUAL MEETING & 43<sup>rd</sup> POST GRADUATE COURSE



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12.21 - 12.30	Discussion	11.45 - 12.15	MRI and advanced imaging of the growth plate in the adolescent and young adult - Ola Kvist	
		12.15-12.30	Discussion	
12.30 - 13.30		<b>Lunch</b>		
13.30 - 15.00	<b>Medico-legal challenges in paediatric radiology - what do I need to know</b> Chairs: Joanna Kasznia-Brown, Rick R. Van Rijn	<b>Scientific session: MSK and AI</b> Chairs: Karen Rosendahl, Susan Shelmerdine		
13.30 - 13.50	Most common diagnostic errors in paediatric radiology - Rick R. van Rijn	13.30-13.55	<b>Plenary lecture: Imaging Musculoskeletal Manifestations of Paediatric Hematologic Malignancies</b> - Karen Rosendahl	
13.50 - 14.10	Medico-legal aspects of radiological reports in suspected child abuse - Amaka Offiah	13.55-14.01	Role of T2-weighted MR radiomics in the prediction of FOXO1 fusion-positive rhabdomyosarcoma - Adarsh Ghosh	<b>14.00 - 14.30 CEUS Hands-On Workshop</b>
		14.01-14.07	Paediatric bone age estimation from lateral elbow radiographs using a machine learning-mediated approach - Alcide Alessandro Azzena	
		14.07-14.13	Fully automated measurement of Cobb angle in coronal plane spine radiographs - Christoph Salzlechner	
		14.13-14.19	Applicability and robustness of an artificial intelligence-based assessment for Greulich and Pyle bone age in a German cohort - Daniel Grafe	
		14.19-14.25	An initial approach of Artificial intelligence in paediatric brain segmentation and quantification using Magnetic Resonance Imaging - Dhananjaya Kotebagilu Narayana Vamyanmane	
		14.25-14.31	Preferential involvement of the pelvis and hips along with active sacroiliitis in chronic nonbacterial osteomyelitis - Ercan Ayaz	

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		14.31-14.37	Diagnostic performance of an artificial intelligence aid for the detection of paediatric appendicular skeletal fractures - Irmhld Altmann-Schneider	
		14.37-14.43	ZTE sequences with AI-based image reconstruction for 3D evaluation of the temporomandibular joint and craniofacial bones in children with juvenile idiopathic arthritis - Nadja Kocher	
14.10 - 14.30	When you are called to the court - Owen Arthurs	14.43-14.49	Artificial intelligence-based image reconstruction of abdominal MRI in children - Vanda Pocepcova	
14.30 - 14.50	Perspective from the judge - Wilma Duijst	14.49-15.55	Whole-Body Diffusion-Weighted Magnetic Resonance Imaging (WB-DW-MRI) in tumoral and Non-tumoral paediatric Bone Marrow Diseases (BMD) - Tatiana Fazecas	
14.50 - 15.00	Discussion	14.55-15.10	Discussion	
15.00 - 15.30	<b>Coffee break</b>			
15.30 - 17.00	<b>Abdominal TF</b> Chairs: Lil-Sofie Ording Muller, Philippe Petit	<b>Post mortem TF</b> Chair: Owen Arthurs		<b>15.30 - 16.00 CEUS Hands-On Workshop</b>
15.30 - 15.55	Imaging in steatosis, current practice and knowledge - Seema Toso	15.30 - 15.35	Introduction - Owen Arthurs	
15.55 - 16.00	Discussion			
16.00 - 16.25	Basic elastography and its clinical applications - Jochen Herrmann and Martijn Verhagen	15.35 - 16.00	Post mortem imaging - how to get started - Aurelie D'hondt	<b>16.15 - 16.45 CEUS Hands-On Workshop</b>
16.25 - 16.30	Discussion			
16.30 - 16.55	Around the world of intussusception - Giulia Perucca	16.00-16.25	Post mortem CT - how to report - Rick R. van Rijn	
		16.25 - 16.50	How do I pay for post mortem imaging? -Owen Arthurs	
16.55 - 17.00	Discussion	16.50-17.00	Discussion	
17.00	<b>Closing ceremony</b>			

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**INDUSTRY SIMPOSIA - GOLD**

Wednesday, 7<sup>th</sup> June 2023, Hall 2



**GE HealthCare**

12.30 - 12.50

**Little super heroes deserve super powers - what MRI can offer for paediatric patients - *Waldemar Senczenko - Eastern Europe Clinical Leader GE HealthCare, PhD Medical Physics***

**INDUSTRY SIMPOSIA - BRONZE**

Wednesday, 7<sup>th</sup> June 2023, Hall 1



**VISARIS**

19.00 - 19.15

**Promotional video: X-Ray Technology in Serbs: From Tesla and Pupin to Modern Times - *Jelena Jovanović Simić (Serbia)***

**INDUSTRY SIMPOSIA - SILVER**

Thursday, 8<sup>th</sup> June 2023, Hall 1



**Milvue**

10.30 - 10.40

**AI in MSK: innovations in paediatric Imaging from MILVUE - *Alexandre PARPALEIX***

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**INDUSTRY SIMPOSIA - GOLD**

**Thursday, 8<sup>th</sup> June 2023, Hall 2**

**PHILIPS**

12.30 - 12.50

Benefits of spectral detector based CT - *Želimir AntoniĆ, radiologist*

**INDUSTRY SIMPOSIA - SILVER**

**Thursday, 8<sup>th</sup> June 2023, Hall 1, Hall 3**

**mindray**

healthcare within reach

13.20 - 13.25 (HALL 3)

Mindray introduction

13.25 - 13.30 (HALL 3)

The Radiology solution on Pediatrics by Resona R9

15.10 - 15.30 (HALL 1)

Why, What and How? An exploration of the potentials and why the time is right for paediatric PoCUS in Emergency medicine - *Niccolo Parri*

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## INDUSTRY SIMPOSIA - GOLD

Thursday, 8<sup>th</sup> June 2023, Hall 1



“Siemens Healthineers is Gold Sponsor of this event”

### Siemens Healthineers latest innovations in Pediatric CT and MRI imaging

17.00 - 17.02 Introduction - *Chair: Alberto Mauro - Global CT Clinical Marketing Manager Pediatric - Siemens Healthineers*

17.02 - 17.14 Paediatric imaging with the world's first photon counting CT NAEOTOM Alpha" - *Dr. Joseph Cao - Duke University (USA)*

17.14 - 17.26 MR elastography assessment of liver stiffness in children with autoimmune hepatitis (AIH) - *Dr. Paulina Chodnicka - Children's Memorial Health Institute Warsaw (Poland)*

17.26 - 17.30 Q&A

## INDUSTRY SIMPOSIA - BRONZE

Friday, 9<sup>th</sup> June 2023, Hall 1



10.50 - 11.00 A new Era of Musculoskeletal (MSK) Disease Intelligence - *Philip Meier, MBA*

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**05 - 09 June**