

IPR 2021 - 8th International Pediatric Radiology Conjoint Meeting & Exhibition - Rome, June 14-19, 2021

Preliminary Program

Monday, June 14, 2021

Start Time	End Time	Elapsed Time	Item
8:30 AM	5:30 PM	09:00	Registration
11:00 AM	1:00 PM	02:00	FETAL COURSE session I-A (concurrent)
11:00 AM	11:15 AM	00:15	Explaining ventriculomegaly
11:15 AM	11:30 AM	00:15	Swimming through the posterior fossa fluid: How much vermis is enough?
11:30 AM	11:45 AM	00:15	Tract-Specific Trajectories in the Fetal White Matter
11:45 PM	12:00 PM	00:15	Computational Atlases of Normal Fetal Brain Development
12:00 PM	12:15 PM	00:15	AI Methods for fetal brain assessment: is the machine's brain better than ours?
12:15 PM	12:30 PM	00:15	Prenatal Assessment of Spina Bifida – Classic Concepts and New Insights
12:30 PM	12:45 PM	00:15	Diagnostic dilemmas: Multigestational Madness and clues on how to image
12:45 PM	1:00 PM	00:15	Discussion
11:00 AM	1:00 PM	02:00	WFPI COURSE session II-A (concurrent) Epidemics and pandemics – the role of the pediatric radiologist
11:00 AM	11:20 AM	00:20	New Pediatric Lung Infections including COVID-19 Pneumonia: What Radiologists Need to Know
11:20 AM	11:40 AM	00:20	Atypical chest infections and mimickers: interactive session
11:40 AM	12:00 PM	00:20	The changing picture of HIV infections
12:00 PM	12:20 PM	00:20	Malaria – when and how-to image
12:20 PM	12:40 PM	00:20	ZIKA virus – experience from South America
12:40 PM	12:55 PM	00:15	Discussion
11:00 AM	1:00 PM	02:00	POSTMORTEM COURSE session III-A (concurrent) The basics
11:00 AM	11:25 AM	00:25	Introduction to post mortem imaging symposium / workshop
11:25 AM	11:50 AM	00:25	Post mortem imaging for beginners - what, how, why
11:50 AM	12:15 PM	00:25	Fetal imaging: intrauterine vs post mortem
12:15 PM	12:40 PM	00:25	How to set up a service
12:40 PM	12:55 PM	00:15	Discussion

11:00 AM	1:00 PM	02:00 CHILD ABUSE COURSE session IV-A (concurrent) Bones (I)
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11:00 AM	11:25 AM	00:25 Imaging the MSK system in Suspected Abuse: Who, What and When?
11:25 AM	11:50 AM	00:25 Differential Diagnoses: Accepted and Controversial
11:50 AM	12:15 PM	00:25 Is that How it Happened? Mechanisms of Injury in Suspected Abuse
12:15 PM	12:40 PM	00:25 Is that When it Happened? Dating Fractures in Suspected Abuse
12:40 PM	12:55 PM	00:15 Discussion

11:00 AM	12:00 PM	01:00 MR PHYSICS COURSE session V-A1 (concurrent) Pediatric imaging without sedation
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11:00 AM	11:15 AM	00:15 Accelerated MRI, motion robust sequences & real time motion correction
11:15 AM	11:30 AM	00:15 Hardware required for widespread adoption of these techniques
11:30 AM	11:45 AM	00:15 Clinical examples : Brain
11:45 AM	12:00 PM	00:15 Clinical examples : Abdomen/Pelvis

12:00 PM	1:00 PM	01:00 MR PHYSICS COURSE session V-A2 (concurrent) MR fingerprinting & quantitative MR
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12:00 PM	12:30 PM	12:30 AM MR fingerprinting, Synthetic MRI
12:30 PM	12:45 PM	12:15 AM How well do synthetic images match acquired images in patients with pathology?
12:45 PM	1:00 PM	12:15 AM What spatial resolution is adequate for clinical MR fingerprinting?

1:00 PM	2:00 PM	01:00 Lunch
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2:15 PM	3:45 PM	01:30 FETAL COURSE session I-B (concurrent)
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2:15 PM	2:30 PM	00:15 MR use for lung volume calculation-more than just a cause for chest pain?
2:30 PM	2:45 PM	00:15 Diagnostic Dilemmas: Abdominal wall defects from the belly button up
2:45 PM	3:00 PM	00:15 Diagnostic Dilemmas: Abdominal wall defects from the belly button down
3:00 PM	3:15 PM	00:15 MR use for Skeletal Dysplasias
3:15 AM	3:30 AM	00:15 Discussion

2:15 PM	3:45 PM	01:30 WFPI COURSE session II-B (concurrent) Imaging of tuberculosis – past or current problem?
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2:15 PM	2:35 PM	00:20 Classical signs of TB – what do I need to know?
2:35 PM	2:55 PM	00:20 Look beyond the lungs – MSK and CNS involvement
2:55 PM	3:15 PM	00:20 Mimics and pitfalls in imaging of childhood TB
3:15 PM	3:35 PM	00:20 New imaging approach and future directions in TB imaging
3:35 PM	3:45 PM	00:05 Discussion

2:15 PM	3:45 PM	01:30 POSTMORTEM COURSE session III-B (concurrent) The technique
2:15 PM	2:40 PM	00:25 Post mortem MRI - how I do it
2:40 PM	3:05 PM	00:25 Post mortem CT - how I do it
3:05 PM	3:30 PM	00:25 Post mortem Ultrasound - how I do it
3:30 PM	3:40 PM	00:10 Discussion
2:15 PM	3:45 PM	01:30 CHILD ABUSE COURSE session IV-B (concurrent) Body, Bloods & Bones (II)
2:15 PM	2:40 PM	00:25 Visceral Injury: Need for Routine Liver Function Tests and/or Abdominal Ultrasound?
2:40 PM	3:05 PM	00:25 Strangulation: Is there a Role for Imaging?
3:05 PM	3:30 PM	00:25 Normal Variants of the Skeleton not to be Confused with Inflicted Injury
3:30 PM	3:40 PM	00:10 Discussion
2:15 PM	3:00 PM	00:45 MR PHYSICS COURSE session V-B1 (concurrent) Neonatal imaging
2:15 PM	2:30 PM	00:15 Optimized protocols for neonatal imaging
2:30 PM	2:45 PM	00:15 MRI in the NICU
2:45 PM	3:00 PM	00:15 Diffusion imaging in the neonatal brain
3:00 PM	3:45 PM	00:45 MR PHYSICS COURSE session V-B2 (concurrent) Myelin imaging
3:00 PM	3:25 PM	00:25 Methods for myelin imaging
3:25 PM	3:45 PM	00:20 How accurate is myelin imaging?
3:45 PM	4:15 PM	00:30 Break
4:15 PM	5:45 PM	01:30 FETAL COURSE session I-C (concurrent)
4:00 PM	4:20 PM	00:20 3T fetal MR imaging: How do we make it work?
4:20 PM	4:40 PM	00:20 Tales from the Artificial Womb – emerging applications of CE US in fetal medicine
4:40 PM	5:00 PM	00:20 Fetal imaging what the fetal surgeon wants to know.
5:00 PM	5:20 PM	00:20 How to establish a fetal center in Europe
5:20 PM	5:45 PM	00:25 GAMES!!!!

4:15 PM 5:45 PM 01:30 WFPI COURSE session II-C (concurrent) Paediatric MRI – worldwide approach

4:15 PM	4:35 PM	00:20	Standardisation of paediatric MRI: international initiatives
4:35 PM	4:55 PM	00:20	Challenges in paediatric MRI: technical details I hate, but need to know
4:55 PM	5:15 PM	00:20	Updates and new approaches in paediatric musculoskeletal MRI
5:15 PM	5:35 PM	00:20	Oncology and whole body MRI imaging: how and when to achieve the best results
5:35 PM	5:45 PM	00:10	Discussion

4:15 PM 5:45 PM 01:30 POSTMORTEM COURSE session III-C (concurrent) The main findings

4:15 PM	4:40 PM	00:25	Post mortem imaging - CNS
4:40 PM	5:05 PM	00:25	Post mortem imaging - chest
5:05 PM	5:30 PM	00:25	Post mortem imaging - abdomen
5:30 PM	5:40 PM	00:10	Discussion

4:15 PM 5:45 PM 01:30 CHILD ABUSE COURSE session IV-C (concurrent) Evolving Techniques

4:15 PM	4:40 PM	00:25	Artificial Intelligence
4:40 PM	5:05 PM	00:25	Finite Element Analysis
5:05 PM	5:30 PM	00:25	HRpQCT and microCT
5:30 PM	5:40 PM	00:10	Discussion

4:15 PM 5:45 PM 01:30 MR PHYSICS COURSE session V-C (concurrent) Cardiac MRI

4:15 PM	4:40 PM	00:25	Overview
4:40 PM	5:05 PM	00:25	4D Flow: standardization and applications
5:05 PM	5:30 PM	00:25	Oxygenation sensitive CMR
5:30 PM	5:40 PM	00:10	Discussion

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Tuesday, June 15, 2021

Start Time	End Time	Elapsed Time	Item
8:30 AM	5:30 PM	09:00	Registration
8:30 AM	10:00 AM	01:30	PLACENTA COURSE I-D (concurrent)
8:30 AM	8:55 AM	00:25	Normal placenta imaging
8:55 AM	9:20 AM	00:25	Abnormal placenta imaging
9:20 AM	10:00 AM	00:40	Real time scrolling through cases
8:30 AM	10:00 AM	01:30	WFPI COURSE session II-D (concurrent) Paediatric ultrasound – who, how and where (WFPI)
8:30 AM	8:50 AM	00:20	Point-of-care ultrasound initiatives - the Bridge to Health partnership experience and beyond
8:50 AM	9:10 AM	00:20	Training Initiatives and Task Shifting in Africa
9:10 AM	9:30 AM	00:20	Standards and experience: a long history of practice in South America
9:30 AM	9:50 AM	00:20	New techniques and equipment – value and challenges
9:50 AM	10:00 AM	00:10	Discussion
8:30 AM	10:00 AM	01:30	POSTMORTEM COURSE session III-D (concurrent) Reporting and correlating with pathology
8:30 AM	8:55 AM	00:25	Template reporting
8:55 AM	9:20 AM	00:25	Tissue sampling - minimally invasive autopsy
9:20 AM	9:45 AM	00:25	Mock MDT: radio-pathological correlation
9:45 AM	10:00 AM	00:15	Discussion
8:30 AM	10:00 AM	01:30	CHILD ABUSE COURSE session IV-D (concurrent) Brain
8:30 AM	8:50 AM	00:20	Venous Injury
8:50 AM	9:10 AM	00:20	Parenchymal injury
9:10 AM	9:30 AM	00:20	Spine injury
9:30 AM	9:50 AM	00:20	Metabolic Imaging
9:50 AM	10:00 AM	00:10	Discussion
8:30 AM	9:15 AM	00:45	MR PHYSICS COURSE session V-D1 (concurrent) MR Urography
8:30 AM	8:45 AM	00:15	Patient preparation and protocol for anatomical information
8:45 AM	9:00 AM	00:15	Recommended protocol for dynamic imaging and post-processing options
9:00 AM	9:15 AM	00:15	Does MRU provide reliable, quantitative, information on renal function?

9:15 AM	10:00 AM	00:45	MR PHYSICS COURSE session V-D2 (concurrent) Arterial Spin Labeling (ASL) Perfusion
9:15 AM	9:30 AM	00:15	Recommended labelling method and merits of 2D/3D acquisitions
9:30 AM	9:45 AM	00:15	Single or multiple delays for clinical studies? Labelling efficiency and other sources of error
9:45 AM	10:00 AM	00:15	Advantages and disadvantages compared to DSC perfusion
10:00 AM	10:30 AM	00:30	Break
10:30 AM	12:00 PM	01:30	PLACENTA COURSE session I-E (concurrent)
10:30 AM	10:50 AM	00:20	Advanced placental MRI imaging
10:50 AM	11:15 AM	00:25	Development of new MRI sequences for placenta imaging
11:15 AM	11:40 AM	00:25	Newest advances in placenta research
11:40 AM	12:00 PM	00:20	Cases from your institution
10:30 AM	12:00 PM	01:30	WFPI COURSE session II-E (concurrent) Paediatric ultrasound – forgotten tool
10:30 AM	10:45 AM	00:15	Value of neuro ultrasound
10:45 AM	11:00 AM	00:15	Chest ultrasound: yes, I can see it
11:00 AM	11:15 AM	00:15	Ultrasound for diagnosing tuberculosis
11:15 AM	11:30 AM	00:15	New recommendations in abdominal imaging
11:30 AM	11:45 AM	00:15	Musculoskeletal imaging: when to replace x-rays and MRIs?
11:45 AM	12:00 PM	00:15	Discussion
10:30 AM	12:00 PM	01:30	POSTMORTEM COURSE session III-E (concurrent)
10:30 AM	10:55 AM	00:25	Post mortem MRI - case examples with interactive voting
10:55 AM	11:45 AM	00:50	Bring your own cases - audience participation
11:45 AM	12:00 PM	00:15	Conclusions
10:30 AM	12:00 PM	01:30	CHILD ABUSE COURSE session IV-E (concurrent) Medico-Legal
10:30 AM	10:55 AM	00:25	What do the Lawyers Want?
10:55 AM	11:20 AM	00:25	What does the Judge Want?
11:20 AM	11:45 AM	00:25	What does the Radiologist Want?
11:45 AM	12:00 PM	00:15	Discussion
10:30 AM	11:15 AM	00:45	MR PHYSICS COURSE session V-E1 (concurrent) A physician's guide to DTI
10:30 AM	10:55 AM	00:25	Choice of sequence and data analysis considerations details
10:55 AM	11:15 AM	00:20	Clinical trade offs : Time spent versus information gained
11:15 AM	12:00 PM	00:45	MR PHYSICS COURSE session V-E2 (concurrent) Neuro Oncology: The role of MRI in the treatment of pediatric brain tumors

11:15 AM	11:30 AM	00:15	Recommended protocols for, and relative merits of, DSC and/or DCE
11:30 AM	11:45 AM	00:15	Protocols for DWI/DTI/DKI/Multi-shell diffusion, APT, MT & Spectroscopy
11:45 AM	12:00 PM	00:15	Clinical assessment of treatment response

12:00 PM 1:00 PM 01:00 Lunch Break

1:00 PM 2:50 PM 01:50 Categorical Course I-A (concurrent): Neuro/Head&Neck: the essentials

1:00 PM	1:18 PM	00:18	Brain and spine ultrasound made simple
1:18 PM	1:36 PM	00:18	Emergency head imaging: problems unique to children
1:36 PM	1:54 PM	00:18	Emergency neck imaging: lumps and bumps
1:54 PM	2:12 PM	00:18	Ventriculomegaly: when do I worry?
2:12 PM	2:30 PM	00:18	Congenital spinal abnormalities: dysraphisms for dummies
2:30 PM	2:48 PM	00:18	Brain things you can't miss (cases)

1:00 PM 2:50 PM 01:50 Categorical Course I-B (concurrent): Cardiac: tips for specialists

Moderators - ESPR & SPR

1:00 PM	1:18 PM	00:18	Fast and Functional: the latest imaging techniques,
1:18 PM	1:36 PM	00:18	Aortic and cardiac emergencies: what to look out for
1:36 PM	1:54 PM	00:18	Quantitative biomarkers in cardiac imaging
1:54 PM	2:12 PM	00:18	Advances in MR angiography for CHD
2:12 PM	2:30 PM	00:18	Pediatric sudden cardiac death
2:30 PM	2:48 PM	00:18	Fetal cardiac imaging and what to do - (cases)

3:00 PM 3:30 PM 00:30 Break

3:30 PM 4:50 PM 01:20 Categorical Course II-A (concurrent): Cardiac: the essentials

3:30 PM	3:46 PM	00:16	Congenital heart disease - removing the fear (for idiots/beginners/dummies)
3:46 PM	4:02 PM	00:16	Common congenital heart disease surgeries and their imaging
4:02 PM	4:18 PM	00:16	Vascular Rings and Slings
4:18 PM	4:34 PM	00:16	How to spot cardiac disease on chest radiographs (cases)
4:34 PM	4:50 PM	00:16	How to perform cardiac CT without sedation in neonates and infants

3:30 PM	4:50 PM	01:20	Categorical Course II-B (concurrent): Neuro/Head&Neck: tips for specialists
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3:30 PM	3:46 PM	00:16	Vessel wall imaging: pediatric stroke and beyond
3:46 PM	4:02 PM	00:16	Changing landscape of inherited white matter disease
4:02 PM	4:18 PM	00:16	Hunting for epileptogenic zone in epilepsy
4:18 PM	4:34 PM	00:16	Molecular imaging in tumor diagnosis & surveillance
4:34 PM	4:50 PM	00:16	Pediatric neuro: wild and crazy (cases)

5:00 PM	5:30 PM	00:30	Opening Ceremony and Guy Sebag Award - Drs Andrea Rossi (ESPR) and Damien Grattan-Smith (SPR)
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5:30 PM	7:00 PM	01:30	Opening lectures & Round Table
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7:00 PM	Adjourn
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Wednesday, June 16, 2021

Start Time	End Time	Elapsed Time	Item
7:00 AM	8:30 AM	01:30	Breakfast
7:00 AM	6:00 PM	11:00	Registration
7:50 AM	8:00 AM	00:10	Welcome and Announcements
8:00 AM	9:30 AM	01:30	Categorical Course III-A (concurrent): Musculoskeletal: the essentials
8:00 AM	8:18 AM	00:18	Hip Pain in children - a beginners guide
8:18 AM	8:36 AM	00:18	The mimickers of malignancy
8:36 AM	8:54 AM	00:18	Commonly missed fractures
8:54 AM	9:12 AM	00:18	Child Abuse refresher
9:12 AM	9:30 AM	00:18	Aunt Minnie images (cases)
8:00 AM	9:30 AM	01:30	Categorical Course III-B (concurrent): Gastrointestinal: tips for specialists
8:00 AM	8:18 AM	00:18	Liver tumors: from foetus to adolescent
8:18 AM	8:36 AM	00:18	Functional bowel imaging: MR and CEUS
8:36 AM	8:54 AM	00:18	US and MR elastography in the abdomen : the liver and beyond
8:54 AM	9:12 AM	00:18	How to use bubbles in the abdomen (VUR, trauma, cloaca)
9:12 AM	9:30 AM	00:18	Current controversies in MR enterography
9:30 AM	10:00 AM	00:30	Break
10:00 AM	11:45 AM	01:45	Scientific Session I-A: (concurrent) NEURO Cutting edge imaging of the neonatal brain
10:00 AM	10:15 AM	00:15	Have we perfected basic brain imaging or is there something new to know?
10:15 AM	11:30 AM	01:15	Scientific Papers: 9
11:30 AM	11:45 AM	00:15	Can we improve our imaging protocols?
10:00 AM	11:45 AM	01:45	Scientific Session I-B: (concurrent) CARDIAC 3D MR imaging of the fetal heart
10:00 AM	10:15 AM	00:15	3D MR for early assessment of congenital heart disease
10:15 AM	11:30 AM	01:15	Scientific Papers: 9
11:30 AM	11:45 AM	00:15	Moving forward: Cardiac MR versus Echo
10:00 AM	11:45 AM	01:45	Scientific Session I-C: (concurrent) GENITOURINARY

Updates: Genetic causes of renal abnormalities

10:00 AM 10:15 AM 00:15 From image to genes: update of imaging in genetic causes of renal abnormalities
 10:15 AM 11:30 AM 01:15 Scientific Papers: 9
 11:30 AM 11:45 AM 00:15 The kidney as a sentinel - future development in assessing genetic causes of renal abnormalities

**10:00 AM 11:45 AM 01:45 Scientific Session I-D (concurrent) ONCOLOGY
 Hybrid imaging in predisposing conditions**

10:00 AM 10:15 AM 00:15 The "Intrinsically Hybrid" approach to whole body MRI
 10:15 AM 11:30 AM 01:15 Scientific Papers: 9
 11:30 AM 11:45 AM 00:15 A forecast for PET/MRI in predisposing cancer conditions

12:00 PM 1:00 PM 01:00 Lunch
12:00 PM 1:00 PM 01:00 Sponsor Symposium A
12:00 PM 1:00 PM 01:00 Sponsor Symposium B

1:10 PM 2:15 PM 01:05 Jacques Lefèbvre/Edward B. Neuhauser Lecture

Title to be defined

2:15 PM 3:15 PM 01:00 Categorical Course IV-A (concurrent): Gastrointestinal: the essentials

2:15 PM 2:30 PM 00:15 Bowel obstruction by age
 2:30 PM 2:45 PM 00:15 Congenital anomalies of the abdomen that should be followed post-natally
 2:45 PM 3:00 PM 00:15 Diagnosis of neonatal jaundice
 3:00 PM 3:15 PM 00:15 STAT! Emergencies you can't miss (cases)

2:15 PM 3:15 PM 01:00 Categorical Course IV-B (concurrent): Musculoskeletal: tips for specialists

2:15 PM 2:30 PM 00:15 Newest Imaging techniques for MSK
 2:30 PM 2:45 PM 00:15 Marrow: normal to abnormal and why
 2:45 PM 3:00 PM 00:15 Metabolic Bone Disease made simple
 3:00 PM 3:15 PM 00:15 Challenging MSK ultrasound (cases)

3:15 PM 3:45 PM 00:30 Break

3:50 PM	4:50 PM	01:00 Scientific Session II-A (concurrent) CHEST The floppy windpipe: Is it always tracheomalacia?
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3:50 PM	4:05 PM	00:15 Current imaging techniques and definitions of tracheomalacia
4:05 PM	4:35 PM	00:30 Scientific Papers: 4
4:35 PM	4:50 PM	00:15 Future perspectives

3:50 PM	4:50 PM	01:00 Scientific Session III-A (concurrent) CONTRAST MATERIALS New techniques in MR vascular imaging
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3:50 PM	4:05 PM	00:15 Old contrast, new contrast, no contrast: Where we stand in vascular imaging
4:05 PM	4:35 PM	00:30 Scientific Papers: 4
4:35 PM	4:50 PM	00:15 Potential of non-contrast enhanced angiography

3:50 PM	4:50 PM	01:00 Scientific Session II-C: (concurrent) Working together – celebrating the 10th Anniversary of the WFPI
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3:50 PM	4:05 PM	00:15 The time is now - urgent need for global approach in paediatric imaging
4:05 PM	4:20 PM	00:15 WFPI and current international initiatives in paediatric radiology
4:20 PM	4:35 PM	00:15 Cultural and political similarities and differences in paediatric societies through continents
4:35 PM	4:50 PM	00:15 The WFPI: a success story

3:50 PM	4:50 PM	01:00 Scientific Session II-D: (concurrent) MISCELLANEA
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3:50 PM	4:50 PM	01:00 Scientific Papers: 5
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6:15 PM Adjourn



Thursday, June 17, 2021

Start Time	End Time	Elapsed Time	Item
6:45 AM	8:30 AM	01:45	Breakfast
6:30 AM	1:00 PM	06:30	Registration
7:30 AM	8:20 AM	00:50	Sunrise Session 1-A (Concurrent): Education
7:30 AM	7:55 AM	00:25	Reviewing for Pediatric Radiology
7:55 AM	8:20 AM	00:25	Statistics for reading or writing a scientific publication: What a pediatric radiologist should know
7:30 AM	8:20 AM	00:50	Sunrise Session 1-B (Concurrent): Nuclear Medicine
7:30 AM	7:55 AM	00:25	How to optimize Nuclear Medicine techniques in children
7:55 AM	8:20 AM	00:25	Use of 19F-DOPA PET/CT in children with hyperinsulinism
7:30 AM	8:20 AM	00:50	Sunrise Session 1-C (Concurrent): Musculoskeletal
7:30 AM	7:55 AM	00:25	Image-guided MSK interventions
7:55 AM	8:20 AM	00:25	Contrast enhanced ultrasound for evaluation of hip dysplasia/AVN
7:50 AM	10:00 AM	02:10	Radiographers' Programming
8:30 AM	10:00 AM	01:30	Categorical Course V-A (concurrent): Genitourinary: the essentials
8:30 AM	8:50 AM	00:20	UTD refresher
8:50 AM	9:10 AM	00:20	Don't be confused: common congenital GU anomalies
9:10 AM	9:30 AM	00:20	Imaging of the pelvis: when is US enough
9:30 AM	9:50 AM	00:20	STAT! Emergencies you can't miss (cases)
8:30 AM	10:00 AM	01:30	Categorical Course V-B (concurrent): Interventional: tips for specialists
8:30 AM	8:50 AM	00:20	Cryoablation, microwave, RFA: when, where, why ?
8:50 AM	9:10 AM	00:20	Inflammatory vs noninflammatory arterial stenosis: how and when to treat?
9:10 AM	9:30 AM	00:20	Fetal vascular tumors: role of IR
9:30 AM	9:50 AM	00:20	Difficult cases or TEN commandments in IR - case experience
10:00 AM	10:30 AM	00:30	Break
10:30 AM	11:00 AM	00:30	Radiographers' Programming

10:30 AM 11:30 AM 01:00 Categorical course VI-A (concurrent): Interventional: the essentials

10:30 AM 10:45 AM 00:15 To drain or not to drain, and how !
10:45 AM 11:00 AM 00:15 Vascular malformations, practical approach
11:00 AM 11:15 AM 00:15 Biliary intervention: tricks
11:15 AM 11:30 AM 00:15 Renovascular disease - an update

10:30 AM 11:30 AM 01:00 Categorical Course VI-B (concurrent): Genitourinary: tips for specialists

10:30 AM 10:45 AM 00:15 MR of the GU tract: when and how
10:45 AM 11:00 AM 00:15 Functional imaging of the urinary tract: when does dilation matter?
11:00 AM 11:15 AM 00:15 The management of UTD
11:15 AM 11:30 AM 00:15 GU-ess what? GU unknowns for the intrepid

11:35 AM 1:05 PM 01:30 Radiographer's Programming

**11:35 AM 1:15 PM 01:40 Scientific Session III-A: (concurrent) NEURO
From structural to functional pediatric neuroimaging**

11:35 AM 11:50 AM 00:15 Is it adding value in daily practice?
11:50 AM 1:00 PM 01:10 Scientific Papers: 8
1:00 PM 1:15 PM 00:15 Is there more than the connectome?

**11:35 AM 1:15 PM 01:40 Scientific Session III-B: (concurrent) CARDIAC
4D flow MRI**

11:35 AM 11:50 AM 00:15 4D MR in Congenital Heart Failure
11:50 AM 1:00 PM 01:10 Scientific Papers: 8
1:00 PM 1:15 PM 00:15 New applications of 4D MRI

**11:35 AM 1:15 PM 01:40 Scientific Session III-C: (concurrent) GENITOURINARY
New approaches to detect damage to the pediatric kidney**

11:35 AM 11:50 AM 00:15 What did we learn from imaging on renal damage in children?
11:50 AM 1:00 PM 01:10 Scientific Papers: 8
1:00 PM 1:15 PM 00:15 Can we further improve the assessment of renal damage in children? From morphological to functional imaging

**11:35 AM 1:15 PM 01:40 Scientific Session III-D: (concurrent) ONCOLOGY
Cardiothoracic late effects in survivors of childhood cancer**

11:35 AM 11:50 AM 00:15 What and where to look?
11:50 AM 1:00 PM 01:10 Scientific Papers: 8
1:00 PM 1:15 PM 00:15 The How and Why of screening

1:30 PM 2:30 PM 01:00 Lunch
1:30 PM 2:30 PM 01:00 Sponsor Symposium C
1:30 PM 2:30 PM 01:00 Sponsor Symposium D

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2:30 PM Adjourn

Friday, June 18, 2021

Start Time	End Time	Elapsed Time	Item
6:45 AM	8:30 AM	01:45	Breakfast
6:30 AM	5:00 PM	10:30	Registration
7:30 AM	8:20 AM	00:50	Sunrise Session 2-A (Concurrent): Technology & AI
7:30 AM	7:55 AM	00:25	Deep Learning and AI in abdominal imaging
7:55 AM	8:20 AM	00:25	Deep Learning Algorithms for detection of pediatric chest pathology
7:30 AM	8:20 AM	00:50	Sunrise Session 2-B (Concurrent): Neuro
7:30 AM	7:55 AM	00:25	ASL perfusion of the pediatric brain: advantages and pitfalls
7:55 AM	8:20 AM	00:25	Voxel wise analysis of the brain: making it easy for pediatric radiologists
7:30 AM	8:20 AM	00:50	Sunrise Session 2-C (Concurrent): Radioprotection
7:30 AM	7:55 AM	00:25	Radiation protection issues in Nuclear Medicine: an update
7:55 AM	8:20 AM	00:25	Radiation protection issues in CT: an update
8:30 AM	10:00 AM	01:30	Categorical Course VII-A (concurrent): Oncology: the essentials
8:30 AM	8:48 AM	00:18	Common abdominal tumors : location, location location!
8:48 AM	9:06 AM	00:18	Lumps and bumps of the extremities
9:06 AM	9:24 AM	00:18	Common CNS tumors: location, location, location !
9:24 AM	9:42 AM	00:18	Common chest masses
9:42 AM	10:00 AM	00:18	Cases: Name that mass
8:30 AM	10:00 AM	01:30	Categorical Course VII-B (concurrent): Thoracic: tips for specialists
8:30 AM	8:48 AM	00:18	Lung infections in 2021: what is new and what we have learned
8:48 AM	9:06 AM	00:18	Pattern recognition for a new classification system (ILD)
9:06 AM	9:24 AM	00:18	Pediatric thoracic neoplasms: Beyond the imaging and Above genetics.
9:24 AM	9:42 AM	00:18	Private tour of pediatric thoracic trauma imaging
9:42 AM	10:00 AM	00:18	Pediatric chest : "Zebra" diagnoses (cases)
8:30 AM	11:55 AM	03:25	Radiographer's programming
10:00 AM	10:30 AM	00:30	Break

10:30 AM	11:55 AM	01:25 Scientific Session IV-A: (concurrent) NEURO Are genes or environments in control with CNS diseases?
10:30 AM	10:45 AM	00:15 Emerging genotype/phenotype correlations in neuro-oncology
10:45 AM	11:40 AM	00:55 Scientific Papers: 6
11:40 AM	11:55 AM	00:15 Should we know more about genetic pathways in cortical malformations?
10:30 AM	11:55 AM	01:25 Scientific Session IV-B: (concurrent) GASTROINTESTINAL Star Trek here we come! Changes in abdominal imaging and biological markers
10:30 AM	10:45 AM	00:15 What we know so far
10:45 AM	11:40 AM	00:55 Scientific Papers: 6
11:40 AM	11:55 AM	00:15 Fiber tracking and functional imaging of the future
10:30 AM	11:55 AM	01:25 Scientific Session IV-C: (concurrent) THORACIC Fifty shades of lymphatic imaging: visualization of the invisible vessels
10:30 AM	10:45 AM	00:15 In acquired diseases
10:45 AM	11:40 AM	00:55 Scientific Papers: 6
11:40 AM	11:55 AM	00:15 In congenital disorders

10:30 AM	11:55 AM	01:25 Scientific Session IV-D: (concurrent) NUCLEAR MEDICINE The world of PET/MR
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10:30 AM	10:45 AM	00:15 Whole-body PET/MRI of Pediatric Patients: details that matter in the clinic
10:45 AM	11:40 AM	00:55 Scientific Papers: 6
11:40 AM	11:55 AM	00:15 Will hybrid imaging replace conventional MR in pediatric oncology?

12:00 PM	12:30 PM	00:30 JeSPeR Lecture
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Imaging challenges in the assessment of response to therapy in pediatric neurooncology

12:45 PM	1:45 PM	01:00 Lunch
12:45 PM	1:45 PM	01:00 Sponsor Symposium E
12:45 PM	1:45 PM	01:00 Sponsor Symposium F

1:50 PM	3:15 PM	01:25 IPR Olympics Panel
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3:20 PM	4:20 PM	01:00 Categorical Course VIII-A (concurrent): Thoracic: the essentials
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3:20 PM	3:35 PM	00:15 Neonatal chest imaging: old fashioned cookies with new sprinkles
3:35 PM	3:50 PM	00:15 Congenital malformations of lungs and airways.
3:50 PM	4:05 PM	00:15 Chest wall masses
4:05 PM	4:20 PM	00:15 Pediatric chest "Must Know Diagnoses" (cases)

3:20 PM	4:20 PM	01:00 Categorical course VIII-B (concurrent): Oncology: tips for specialists
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3:20 PM	3:35 PM	00:15 The latest in functional imaging in tumor diagnosis
3:35 PM	3:50 PM	00:15 AI in pediatric oncologic imaging
3:50 PM	4:05 PM	00:15 Tumors in syndromes: what is important, when to screen
4:05 PM	4:20 PM	00:15 Tumor or not (tumors vs their mimics; cases)

1:50 PM	4:20 PM	02:30 Radiographers' programming
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4:20 PM	4:50 PM	00:30 Break
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4:50 PM	6:00 PM	01:10 Radiographers' Programming
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4:50 PM	6:00 PM	01:10 Scientific Session V-A: (concurrent) ARTIFICIAL INTELLIGENCE AND INFORMATICS Integrating AI tools into pediatric radiology practice
4:50 PM	5:05 PM	00:15 Current state of artificial intelligence tools in pediatric radiology: How can we improve our workflow?
5:05 PM	5:45 PM	00:40 Scientific Papers: 5
5:45 PM	6:00 PM	00:15 Human-machine partnership in pediatric radiology: How can AI help us?
4:50 PM	6:00 PM	01:10 Scientific Session V-B : (concurrent) EDUCATION AND CAREER DEVELOPMENT
4:50 PM	5:05 PM	00:15 Across the big pond: fostering career development
5:05 PM	5:20 PM	00:15 Pediatric Radiology - perspectives from a medical student
5:20 PM	5:35 PM	00:15 Establishing competence in pediatric radiology
5:35 PM	5:50 PM	00:15 What is so great about Pediatric Radiology?
5:50 PM	6:00 PM	00:10 Discussion
4:50 PM	6:00 PM	01:10 Scientific Session V-C: (concurrent) - ONCOLOGY Late effects in survivors of childhood cancer, brain and spine
4:50 PM	5:05 PM	00:15 What are the late effects in survivors of childhood cancer?
5:05 PM	5:45 PM	00:40 Scientific Papers: 5
5:45 PM	6:00 PM	00:15 How to optimize detection of late effects, new techniques, or methods
4:50 PM	6:00 PM	01:10 Scientific Session V-D: (concurrent) - NUCLEAR MEDICINE Theranostics: more than just a difficult word to pronounce
4:50 PM	5:05 PM	00:15 Theranostics: update on a silent revolution
5:05 PM	5:45 PM	00:40 Scientific Papers: 5
5:45 PM	6:00 PM	00:15 Hot issues and new frontiers in theranostics in children
	6:00 PM	Adjourn

Saturday, June 19, 2021

Start Time	End Time	Elapsed Time	Item
6:45 AM	8:30 AM	01:45	Breakfast
6:30 AM	5:30 PM	11:00	Registration
7:30 AM	8:20 AM	00:50	Sunrise Session 3-A (Concurrent): Body Imaging
7:30 AM	7:55 AM	00:25	How to optimize MRI for appendicitis
7:55 AM	8:20 AM	00:25	MRI and Ultrasound of the pelvic floor in anorectal malformation
7:30 AM	8:20 AM		Sunrise Session 3-B (Concurrent): MRI
7:30 AM	7:55 AM	00:25	Real-time MRI in children: what does it mean?
7:55 AM	8:20 AM	00:25	Whole body MRI - technique optimization
7:30 AM	8:20 AM		Sunrise Session 3-C (Concurrent): Chest
7:30 AM	7:55 AM	00:25	Lung MRI: Current practical techniques and how to optimize it
7:55 AM	8:20 AM	00:25	Functional MR imaging of the lung
8:30 AM	10:00 AM	01:30	Categorical Course IX-A (concurrent): Imaging strategies: the essentials
8:30 AM	8:52 AM	00:22	For the patient: Child life and patient preparation
8:52 AM	9:14 AM	00:22	For the patient: the latest in sedation/sedatives techniques
9:14 AM	9:36 AM	00:22	For the patient: CT and MRI techniques: faster is better
9:36 AM	9:58 AM	00:22	Challenging children: how to prepare (cases, strategies)
8:30 AM	10:20 AM	01:50	Categorical Course IX-B (concurrent): Imaging strategies: tips for specialists
8:30 AM	8:52 AM	00:22	For the radiologist: Ergonomics and screen management
8:52 AM	9:14 AM	00:22	For the radiologist: preventing and managing burnout
9:14 AM	9:36 AM	00:22	For the radiologist: AI ready for prime time
9:36 AM	9:58 AM	00:22	For the radiologist: Children centered care: beyond the waiting room
10:00 AM	10:30 AM	00:30	Break

10:30 AM	11:55 AM	01:25 Scientific Session VI-A (concurrent) JUNIOR IPR SESSION How to build an academic career in Pediatric Radiology
10:30 AM	10:45 AM	00:15 Tips to do your first research project
10:45 AM	11:00 AM	00:15 Tips to write your first manuscript
11:00 AM	11:15 AM	00:15 Fellowships available in Europe
11:15 AM	11:30 AM	00:15 Fellowships available in USA
11:30 AM	11:45 AM	00:15 Fellowships available in Canada
11:45 AM	11:55 AM	00:10 ESOR-ESPR exchange program for paediatric radiology fellowships
10:30 AM	11:55 AM	01:25 Scientific Session VI-B (concurrent) GASTROINTESTINAL Quantitative imaging of the bowel: peristalsing to the future
10:30 AM	10:45 AM	00:15 State of the art
10:45 AM	11:40 AM	00:55 Scientific Papers: 6
11:40 AM	11:55 AM	00:15 New directions for understanding bowel physiology
10:30 AM	11:55 AM	01:25 Scientific Session VI-C: (concurrent) MUSCULOSKELETAL New developments in MSK imaging
10:30 AM	10:45 AM	00:15 Fast and accurate: the new challenge in pediatric MSK imaging
10:45 AM	11:40 AM	00:55 Scientific Papers: 6
11:40 AM	11:55 AM	00:15 The future of qualitative and quantitative musculoskeletal imaging in children
10:30 AM	11:55 AM	01:25 Scientific Session VI-D: (concurrent) FETAL IMAGING New steps in imaging the fetus
10:30 AM	10:45 AM	00:15 What have we done so far to image the fetus?
10:45 AM	11:40 AM	00:55 Scientific Papers: 6
11:40 AM	11:55 AM	00:15 The future in imaging the conceptus: new coils, sequences, and all the new bells and whistles
12:00 PM	1:00 PM	01:00 ESPR General Assembly
1:00 PM	2:00 PM	01:00 Lunch
2:10 PM	3:30 PM	01:20 Scientific Session VII-A: (concurrent) INTERVENTIONAL RADIOLOGY Pediatric Endovascular Therapy
2:10 PM	2:25 PM	00:15 Endovascular interventions in Children
2:25 PM	3:15 PM	00:50 Scientific Papers: 6
3:15 PM	3:30 PM	00:15 New ideas for vascular repair: where are we going to?
2:10 PM	3:30 PM	01:20 Scientific Session VII-B: (concurrent) GASTROINTESTINAL

It is not just about the heart: GI pathology in children with congenital cardiovascular disease

2:10 PM 2:25 PM 00:15 State of the art
2:25 PM 3:15 PM 00:50 Scientific Papers: 6
3:15 PM 3:30 PM 00:15 The Fontan liver: what do all those nodules mean?

2:10 PM 3:30 PM 01:20 Scientific Session VII-C: (concurrent) MUSCULOSKELETAL IMAGING
Emerging quantitative MR imaging biomarkers in inflammatory arthritis

2:10 PM 2:25 PM 00:15 Quantitative imaging of juvenile inflammatory arthritis: where we stand
2:25 PM 3:15 PM 00:50 Scientific Papers: 6
3:15 PM 3:30 PM 00:15 MRI imaging of biomarkers: the future of diagnosis and targeted treatment in JIA

2:10 PM 3:30 PM 01:20 Scientific Session VII-D: (concurrent) FETAL IMAGING
From fetal to postnatal, pushing the edge of lethality: diagnosis we know, diagnosis we don't

2:10 PM 2:25 PM 00:15 Tricks and troubleshooting to reach the correct diagnosis
2:25 PM 3:15 PM 00:50 Scientific Papers: 6
3:15 PM 3:30 PM 00:15 What can we now diagnose that we didn't know before?

3:30 PM 4:00 PM 00:30 Break

4:00 PM 5:20 PM 01:20 Scientific Session VIII-A: (concurrent) INTERVENTIONAL RADIOLOGY
Interventional oncology for local delivery of therapies

4:00 PM 4:15 PM 00:15 Pediatric oncology and IR
4:15 PM 5:05 PM 00:50 Scientific Papers: 6
5:05 PM 5:20 PM 00:15 Minimally invasive cancer therapies of the future

4:00 PM 5:20 PM 01:20 Scientific Session VIII-B: (concurrent) CONTRAST MATERIALS
Bubbles in radiology: CEUS

4:00 PM 4:15 PM 00:15 Current applications and limitations of CEUS in pediatric radiology
4:15 PM 5:05 PM 00:50 Scientific Papers: 6
5:05 PM 5:20 PM 00:15 From lesion characterization to targeted drug delivery: the future of CEUS

4:00 PM	5:20 PM	01:20 Scientific Session VIII-C: (concurrent) GASTROINTESTINAL Imaging of pancreatitis in pediatrics
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4:00 PM	4:15 PM	00:15 Present techniques in pediatric pancreatic imaging
4:15 PM	5:05 PM	00:50 Scientific Papers: 6
5:05 PM	5:20 PM	00:15 New pathways to examine biliary disease

4:00 PM	5:20 PM	01:20 Scientific Session VIII-D: (concurrent) FETAL IMAGING Thoracic fetal imaging
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4:00 PM	4:15 PM	00:15 When to watch, when to cut, and when to ignore
4:15 PM	5:05 PM	00:50 Scientific Papers: 6
5:05 PM	5:20 PM	00:15 New directions in fetal lung imaging

5:25 PM	5:45 PM	00:20 Closing Ceremony
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- pre-courses
- categorical courses
- scientific sessions
- sunrise sessions