

# PROGRAMME

The Maslow Hotel, Sandton, 6-9 February 2020

## THURSDAY 6 FEBRUARY 2020

### NEURO TECHNIQUE/ FETAL/ NEONATAL

Chair: Prof Tracy Kilborn

08:00 – 08:15	RSSA SASPI 2020 Congress Welcome	Prof Leon Janse van Rensburg (RSSA Conference Director) & Prof Nasreen Mahomed (SASPI Chair)
08:15 – 08:45	Balancing sensitivity, safety & time in pediatric neuroimaging	Prof Susan Palasis
08:45 – 09:15	Fetal brain MRI – how, when & why?	Prof Andrea Rossi
09:15 – 09:45	A myelination guide to the developing paediatric brain	Prof Sanjay Prabhu
09:45 – 10:15	Imaging of congenital & neonatal infections	Prof Andrea Rossi
10:15 – 10:30	White matter disease in pediatric HIV	Dr Christelle Ackermann

**10:30 – 11:00** TEA

### NEURO – MALFORMATIONS & SEIZURES

Chair: Dr Nicky Wieselthaler

11:00 – 11:30	Common Pitfalls in Pediatric Neuroimaging	Prof Sanjay Prabhu
11:30 – 12:00	Malformations of the midbrain & hindbrain	Prof Andrea Rossi
12:00 – 12:30	Supratentorial Brain Malformations	Prof James Barkovich
12:30 – 13:00	Imaging evaluation of pediatric seizures	Prof Susan Palasis

**13:00 – 14:00** LUNCH

### MSK – TRAUMA/ CONGENITAL

Chair: Dr Tanyia Pillay

14:00 – 14:30	Fractures of Childhood	Prof Tal Laor
14:30 – 15:00	Elbow & Shoulder Injuries in Children	Prof Diego Jaramillo
15:00 – 15:30	Disorders of Foot Alignment	Prof Tal Laor
15:30 – 16:00	Athletic Injuries in Adolescents	Prof Diego Jaramillo

**16:00 – 16:30** TEA

### NEURO – INFLAMMATION

Chair: Dr Thandi Buthelezi

16:30 – 17:00	Acute Demyelinating Diseases in Children	Prof Andrea Rossi
17:00 – 17:30	Imaging characteristics of Pediatric Myelopathy	Prof Susan Palasis

### PAEDIATRIC RADIOLOGY QUIZZ

17:30 – 18:00	Paediatric Radiology Case Based Quiz	Dr Halvani Moodley
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## FRIDAY 7 FEBRUARY 2020

### NEURO METABOLIC/ SYNDROMIC/ WHAT'S NEW

Chair: Dr Aadil Ahmed

08:00 – 08:30	Principles of Imaging in Neurometabolic Disorders	Prof Zoltan Patay
08:30 – 09:00	Inborn errors of metabolism	Prof James Barkovich
09:00 – 09:30	Leukodystrophies	Prof Susan Palasis
09:30 – 10:00	Neurocutaneous syndromes	Dr Mariasavina Severino
10:00 – 10:30	Machine Learning in Pediatric Radiology	Prof Sanjay Prabhu

**10:30 – 11:00** TEA

### NEURO ONCOLOGY

Chair: Dr Harlem Gongxeka

11:00 – 11:30	Cancer Predisposition Syndromes	Prof Zoltan Patay
11:30 – 12:00	Neuronal Tumors	Prof Pia Sundgren
12:00 – 12:30	Embryonal Tumors in Children	Prof Zoltan Patay
12:30 – 13:00	Pediatric Spine Tumors	Prof Pia Sundgren

**13:00 – 14:00** LUNCH

**NON ACCIDENTAL INJURY***Chair: Dr Shalendra Misser*

14:00 – 14:15	Abusive Head Trauma	Prof Pia Sundgren
14:15 – 14:30	Non-accidental injury in children, the role of the radiologist	Dr Jaishree Naidoo
14:30 – 14:45	Mimics of NAI – Case Based Approach	Dr Mariasavina Severino

**MSK***Chair: Dr Tracy Westgarth Taylor*

14:45 – 15:15	Musculoskeletal Infections	Prof Tal Laor
15:15 – 15:45	Imaging of Growth Disorders	Prof Diego Jaramillo

**15:45 -16:15 TEA****NEURO – HEAD & NECK***Chair: Dr Jaishree Naidoo*

16:15 – 16:45	Approach to Imaging of Congenital Hearing Loss	Prof Sanjay Prabhu
16:45 – 17:15	Orbits – Main Indication and Orbital Lesions	Prof Pia Sundgren
17:15 – 17:45	MRI of Pediatric Neck Masses	Prof Sanjay Prabhu
17:45- 18:00	Imaging of Paediatric paranasal sinuses	Dr Aadil Ahmed

**SATURDAY 8 FEBRUARY 2020****NEURO – SPINE***Chair: Prof Richard Pitcher*

08:30 – 09:00	Advanced imaging of the pediatric spine	Prof Susan Palasis
09:00 – 09:30	Spinal cord malformations/ tethered cord	Prof Andrea Rossi
09:30 – 10:00	Imaging of Scoliosis in Children	Dr Mariasavina Severino
10:00 – 10:30	Spinal Infections	Prof Tracy Kilborn

**10:30 – 11:00 TEA****NEURO –Special Focus Session Neonatal Hypoxic Ischemic Injury***Chair: Prof Nasreen Mahomed*

11:00 – 11:30	Neonatal Hypoxic Ischemic Injury	Prof James Barkovich
11:30 – 12:00	Neonatal Encephalopathy other than Neonatal Hypoxic Ischemic Injury	Dr Mariasavina Severino
12:00 – 12:30	Neonatal Hypoxic Ischemic Injury, A Clinical and Legal South African Perspective	Prof Keith Bolton
12:30 – 12:45	Neonatal Hypoxic Ischaemic Injury, A South African Radiological Experience	Prof Nasreen Mahomed
12:45 – 13:00	Neonatal Hypoxic Ischemic Injury - The role of the Radiologist	Dr Shalendra Misser
13:00 – 13:30	Panel Discussion	

**13:30 – 14:30 LUNCH***Chair: Prof Zarina Lockhat*

14:30 – 15:30	RSSA Travel Award Oral Presentations	
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**15:30 – 16:00 TEA****MSK – JOINT BASED***Chair: Dr Nonceba Korateng*

16:00 – 16:30	Pediatric Hip MRI	Prof Diego Jaramillo
16:30 – 17:00	Pediatric Knee MRI	Prof Tal Laor

**NEURO - VASCULAR***Chair: Dr Halvani Moodley*

17:00 – 17:30	Neonatal/Pediatric Stroke	Prof James Barkovich
17:30 – 18:00	Occlusive Dural Sinus Disease	Prof Zoltan Patay

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## SUNDAY 9 FEBRUARY 2020

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### MSK

Chair: Dr Tebogo Linda Hlabangana

08:00 – 08:30	Musculoskeletal MRI in Children: What is normal?	Prof Tal Laor
08:30 – 09:00	CNO/CRMO –Differentiation from Osteomyelitis	Prof Diego Jaramillo
09:00 – 09:15	The evolving role of Nuclear Medicine musculoskeletal imaging in Paediatrics	Dr Lizette Louw
09:15 – 09:30	Radiologic evaluation of hip pain in a child	Dr Tanyia Pillay
09:30 – 10:00	Musculoskeletal Tumors in Children	Prof Diego Jaramillo

**10:00 – 10:30**     **TEA**

Chair: The Scientific Committee

10:30 – 11:00     RSSA SASPI Travel Awards

### NEURO - LOOKING TO THE FUTURE

Chair: Prof Omolola Mojisola Atalabi

11:00 – 11:30	The Changing Landscape of Pediatric Neuroradiology: Gene Regulation, Molecular Pathways, and CNS Disease	Prof James Barkovich
11:30 – 12:00	Multimodality Imaging for 3D Printing	Prof Sanjay Prabhu
12:00 – 12:30	Genetics, epigenetics & molecular mechanisms in pediatric brain tumors Close of the Meeting	Prof Zoltan Patay