IMAGING CONGRESS
COMBINED PROGRAMME

THURSDAY 8 OCTOBER 2015

0800-2200 Exhibition set-up
1130-1230 Registration: Pre-conference workshop
1230-1730 Pre-conference workshop:
   Basics of MR imaging physics including case-based problem solving: Committee room 4
1600-2000 Main conference registration

FRIDAY 9 OCTOBER 2015

0630-0830 Registration & refreshments

Venue 1 (Ballroom 234)

Session 1
DOSE OPTIMIZATION, JUSTIFICATION AND ETHICAL CONSIDERATIONS

0815-0830 Opening and introduction
0830-0845 The International Society of Radiographers & Radiologic Technologists (ISRRT) is the voice of radiation medicine technology worldwide
   F Peer (President: ISRRT)
0845-0900 Occupational radiation protection in medicine - the way forward: A Technologist Perspective
   D Newman (ISRRT Guest speaker)
0900-0915 Practical hints and tips on dose optimization
   The International Radiation Protection Association
   C Trauernicht (IRPA Guest speaker)
0915-0930 Dose justification and optimization: How committed are we in South Africa?
   H Friedrich-Nel
0930-0945 Requirements for radiation safety for diagnostic radiographer
   B Van Der Merwe
0945-1000 Diagnostic reference levels for fluoroscopic and computed tomography procedures at Universitas Academic Hospital
   A Conradie
1000-1015 Interventional radiology dose distributions and factors influencing dose for vascular procedures at Universitas Academic Hospital
   Henra Muller
1015-1030 Q & A

Venue 2 (Bill Gallagher)

Session 1
NEURORADIOLOGY COURSE

0815-0830 Opening and introduction
0830-0900 Stroke, Update 2015: Looking beyond the ‘Usual suspects’
   A Osborne
0900-0930 CT and MR perfusion: Theory and practice
   H Rowley
0930-0945 White spots and black dots
   A Osborne
1000-1030 Head trauma and neurovascular imaging
   H Rowley
1015-1030 Q & A

Venue 3 (Committee 4)

Session 1
FIRST RSSA STRATEGIC MANAGEMENT SYMPOSIUM

Setting the Scene
0800-0815 Welcome and introduction
   Moderator: R Tutt
0815-0830 Welcome: Investec SA Banking Head
   D Katz
0830-0915 How we have got in the room is not how we are going to get out of the room:
The strategy and leadership challenges in South Africa
   N Binedell

0915-0945 The internet of things (IoT) and its impact on business by 2020
   H Wentzel

0945-1015 Healthcare 2020, South Africa’s private healthcare future
   J Broomberg

1015-1045 Panel discussion and questions

1030-1115 TEA
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<tr>
<th>Time</th>
<th>Session 2</th>
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<tbody>
<tr>
<td>1115-1130</td>
<td>ROLE EXTENSION</td>
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<td>FIRST RSSA STRATEGIC MANAGEMENT SYMPOSIUM</td>
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| 1130-1145  | Towards task shifting? A comparison of the accuracy of acute trauma-radiograph reporting by medical officers and senior radiographers in an African hospital | 1115-1145 Diffusion MRI: How to be right when its bright | DIFFERENT WAYS OF DOING THINGS 
Moderator: K Naidu |
| 1145-1215  | The opinions of South African radiographers towards image interpretation and report writing | 1145-1215 Imaging of intracranial veins and venous disease | 1145-1215 Medical aid strategic shift in health funding – GEMS’ perspective 
G Goolab |
| 1215-1245  | Pattern recognition interactive workshop: 1. Abdomen 2. Shoulder | 1215-1245 A neurointerventionist’s approach to brain AVMs: Where are we in 2015? | 1215-1245 Medical scheme radiology: Experience over time 
C Raath |
| 1245-1315  | Maddening mystery of vasculitis | 1245-1315 Maddening mystery of vasculitis | 1245-1315 Panel discussion and questions |
| 1315-1415  | LUNCH | LUNCH | LUNCH |
| 1415-1430  | CURRENT TRENDS IN DIAGNOSTIC IMAGING | CURRENT TRENDS IN DIAGNOSTIC IMAGING | CURRENT TRENDS IN DIAGNOSTIC IMAGING |
| 1430-1445  | Chest x-ray findings in children hospitalized with WHO-defined severe-very-severe pneumonia in high HIV prevalence setting in the era of bacterial conjugate vaccine | Stroke in HIV | THE MARKET INQUIRY INTO PRIVATE HEALTHCARE 
Moderator: S Godhino |
| 1445-1500  | Mammographic density assessment: Inter-reader variability using RANZCR synoptic scales | Neuroimaging in paediatric HIV in SA | 1445-1515 Alternative reimbursement models for radiology 
B Childs |
| 1500-1515  | Case study: Early diagnosis of mandibular osteosarcoma on panoramic radiograph | CNS HIV/AIDS: The imaging of immune reconstitution (IRS) | 1500-1515 Making markets work for universal health care in South Africa – the options 
A van den Heever |
| 1515-1530  | Radiographers’ opinion on patients’ right to informed consent: results of an online survey | Obtaining the 3D transverse diameter of a long bone using an AP and LAT x-ray image with C-arm | 1515-1530 Panel discussion and questions |
| 1530-1545  | Are the seeds of future health sown in the womb? | 1530-1545 Obtaining the 3D transverse diameter of a long bone using an AP and LAT x-ray image with C-arm | CLOSE |
| 1545-1615  | TEA | TEA | TEA |
| 1615-1700  | CURRENT RESEARCH IN IMAGING & RADIATION THERAPY | CURRENT RESEARCH IN IMAGING & RADIATION THERAPY | CURRENT RESEARCH IN IMAGING & RADIATION THERAPY |
| 1615-1630  | Multi-provider and patient perspectives on conveying diagnostic-imaging investigation results in the public healthcare system in South Africa | Multi-provider and patient perspectives on conveying diagnostic-imaging investigation results in the public healthcare system in South Africa | CURRENT RESEARCH IN IMAGING & RADIATION THERAPY |
| 1630-1645  | The lived experiences of radiographers in Gauteng | The lived experiences of radiographers in Gauteng | 1630 – 1700 Epilepsy 
P Sundgren |
| 1645-1700  | Q & A | 1645-1700 Q & A | 1645-1700 Q & A |
Opening Address – Ballroom 234
Justification and optimization of radiation dose

GUEST SPEAKERS:
1. Health care 2015, justification and optimization: Is this an individual or team role?
   Donna Newman (International Society of Radiographers and Radiologic Technologists)
2. Dose limits and the optimization and justification of dose:
   Christoph Trauernicht (International Radiation Protection Association)

Cocktail Function – Ballroom 1/50

Venue 1 (Ballroom 234) (Radiography)

0830-0845 The development of a CAD tool to aid radiography educators in teaching pattern recognition of the chest
   S Malešte
0845-0900 Current alignment for work-integrated learning in radiography training
   J Du Plessis
0900-0915 Evaluation of the integration of the core-curriculum on human rights, ethics and health law in radiography undergraduate program
   M Kekana
0915-0930 The accuracy of radiology speech recognition reports in a multilingual South African teaching hospital
   R Pitcher
0930-0945 Creating awareness of exposure indicators in digital radiography to third year radiography students
   S Lewis
0945-1000 SAR Journal accreditation: Is it necessary?
   H Friedrich-Nel
1000-1015 Assess for success
   B Van Dyk
1015-1030 Q&A

Venue 2 (Bill Gallagher) (Radiology)

0830-0900 Autoimmune encephalitides
   P Sundgren
0900-0930 Imaging of Prion diseases and related disorders
   W Kuckarczyk
0930-1000 Dementia imaging
   H Rowley
1000-1030 Imaging white matter demyelinating disease including MS update
   M Thurnher

TEA

1115-1315 Session 2

1115-1200 Clinical simulation – an ethical approach to teaching and learning
   M Labuschagne
1200-1215 Reflecting on simulation practices in teaching and learning radiography students
   A Louw
1215-1230 DICOM adapting to changes in technology
   C Daniel
1230-1245 Q & A
1245-1315 SORSA Annual General Meeting

1315-1415 LUNCH
   RSSA Annual General Meeting (1315 – 1345) Bill Gallagher room
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<tr>
<td>1415-1545</td>
<td><strong>CURRENT PROFESSIONAL ISSUES IN RADIOGRAPHY</strong></td>
<td><strong>RSSA TRAVEL AWARD</strong></td>
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<td></td>
<td>PANEL DISCUSSION</td>
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| 1415-1535 | 1. Percutaneous placement of peritoneal dialysis catheters in resource-limited developing countries as an alternative to conventional placement methods  
H R Van Den Berg | 1415-1535 |
|        | 2. Post treatment surveillance abdominopelvic computed tomography in children with Wilms tumour: is it worth the risk?  
J H Otto | 1415-1535 | 1. Percutaneous placement of peritoneal dialysis catheters in resource-limited developing countries as an alternative to conventional placement methods  
H R Van Den Berg |
|        | 3. Healthcare planning for distributive justice: An analysis of registered diagnostic radiology equipment resources in a low-income African country  
P S Ngoya | 1415-1535 | 2. Post treatment surveillance abdominopelvic computed tomography in children with Wilms tumour: is it worth the risk?  
J H Otto |
|        | 4. An impact on electronic clinical decision support (CDS) for pulmonary embolism (PE) imaging in the efficiency of CT pulmonary angiography (CTPA) utilization in a resource-limited setting  
C Murthy | 1415-1535 | 3. Healthcare planning for distributive justice: An analysis of registered diagnostic radiology equipment resources in a low-income African country  
P S Ngoya |
|        | 5. MR Spectroscopy and metabolic imaging in routine brain tumours: Early TBH experience with pathology correlation  
J Kabongo | 1415-1535 | 4. An impact on electronic clinical decision support (CDS) for pulmonary embolism (PE) imaging in the efficiency of CT pulmonary angiography (CTPA) utilization in a resource-limited setting  
C Murthy |
|        | 6. Incidence of contrast induced nephropathy in multi-trauma patients undergoing CT angiography  
P Henning | 1415-1535 | 5. MR Spectroscopy and metabolic imaging in routine brain tumours: Early TBH experience with pathology correlation  
J Kabongo |
|        | 7. AAST high grade kidney injury classification: ABC approach to injury grading, management and radiological surveillance  
W Conradie | 1415-1535 | 6. Incidence of contrast induced nephropathy in multi-trauma patients undergoing CT angiography  
P Henning |
|        | 8. Chiari 1 malformation and the foramen magnum index  
F Bezuidenhout | 1415-1535 | 7. AAST high grade kidney injury classification: ABC approach to injury grading, management and radiological surveillance  
W Conradie |
| 1545-1545 | **TEA** | 1545-1545 | 8. Chiari 1 malformation and the foramen magnum index  
F Bezuidenhout |
| 1545-1545 | **FREE EVENING** | 1545-1545 | **FREE EVENING** |

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1615-1815</td>
<td><strong>CURRENT TRENDS IN RADIOGRAPHY PRACTICE</strong></td>
<td><strong>NEURORADIOLOGY COURSE</strong></td>
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| 1615-1630 | The contribution of ultrasound scanning in musculoskeletal injuries amongst sonographers  
N Ebrahim | 1630-1700 | Imaging the post-operative spine  
J van Goethem |
| 1630-1645 | Synopsis of radiography management at provincial health head office  
Y Bekeur | 1630-1700 | Imaging the post-operative spine  
J van Goethem |
| 1645-1700 | Occupational health and safety in conventional film processing: a snapshot from ten diagnostic departments in Limpopo Province  
K Molang | 1630-1700 | Imaging the post-operative spine  
J van Goethem |
| 1700-1715 | Q & A | 1630-1700 | Imaging the post-operative spine  
J van Goethem |
| 1700-1730 | Spine: Differential for cord oedema  
T Tal | 1700-1730 | Spine: Differential for cord oedema  
T Tal |
| 1730-1800 | Spinal vascular malformations – diagnosis and intervention  
D Royston | 1730-1800 | Spinal vascular malformations – diagnosis and intervention  
D Royston |
| 1800-1830 | Spinal emergencies  
J van Goethem | 1800-1830 | Spinal emergencies  
J van Goethem |
### Sunday 11 October 2015

**Venue 1 (Ballroom 234) (Radiography)**

<table>
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<tr>
<th>Time</th>
<th>Session 1 FORENSIC RADIOGRAPHY</th>
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<tr>
<td>0830-0900</td>
<td>International SKYPE presentation: Advances in forensic radiography M Viner</td>
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<tr>
<td>0900-0915</td>
<td>Inequity continues to hinder access to forensic imaging in South Africa and beyond P Naidoo</td>
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<tr>
<td>0915-0945</td>
<td>Radiology in forensic dental practice H Bernitz</td>
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<td>0945-1015</td>
<td>Marikana: Confronting the challenges of under-preparedness S Naidoo</td>
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**1015 -1100** BRUNCH

**1100-1115** RSSA TRAVEL AWARDS PRIZE GIVING (Ballroom 234) SORSA POSTER AND PAPER AWARDS

**1115-1315** STEVE BIKO CENTRE for BIOETHICS presents the 5TH SHORT COURSE ON CURRENT ETHICAL ISSUES IN IMAGING (Ballroom 234) Presenter & Facilitator: K Behrens

- **1115 – 1130** The code of marketing practice T Vogt (MISA)
- **1130 – 1315** Handling errors and adverse events ethically Informed consent K Behrens

### Venue 2 (Bill Gallagher) (Radiology)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>0830-0900</td>
<td>Imaging of the brachial plexus T Tali</td>
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<tr>
<td>0900-0945</td>
<td>Case-based quiz M Thurnher and T Tali</td>
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<tr>
<td>0945-1015</td>
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**0830-0930** NEURORADIOLOGY COURSE

**0930-1000** Case-based quiz M Thurnher and T Tali

**1000-1015** Case-based quiz M Thurnher and T Tali