



## International Symposium on Advances in Diagnostic Imaging Physics (4-7 May 2008 Algiers, Algeria)

Sunday 4 May	Monday 5 May	Tuesday 6 May	Wednesday 7 May
8 : 00 – 8:30 Registration	8:30 – 9:15 CT Principles: Conventional to Multidetector (MM)	8:30 - 9: 30 Magnetic Resonance Imaging: Part 1 (AS)	8:30 – 9:00 Radiation Dose management in interventional radiology (JB)
8 : 30 – 9:15 Inauguration	9:15 – 9:45 Cone Beam CT (JB)	9:30- 10:00 Hybrid PET/CT systems (HZ)	9:00 – 9:30 Contribution of medical imaging to radiation therapy (M'hA)
9 : 15 – 9 : 30 Refreshments and photo Opportunity	9:45 – 10:30 The physics of PET imaging (HZ)	10:00 - 10:30 Contribution of pattern recognition, artificial intelligence and computer vision to medical imaging (NB)	9:30 – 10:00 The role of CT and MRI in radiation therapy treatment planning (AS)
9 : 30 – 10 : 00 Medical Imaging in Algeria, present status and outlooks (BM)	10:30 – 11:00 Refreshments Break	10:30 - 11:00 Refreshments Break	10:00 – 10:30 The role of nuclear medicine in radiation therapy treatment planning (HZ)
10:00 – 10:40 Introduction to Image formation in diagnostic radiology: An Overview (MM)	11:00 - 11:45 Basic concepts in digital imaging (JB)	11:00 - 12:00 Magnetic Resonance Imaging: Part 2 (AS)	10:00 – 10:30 The role of nuclear medicine in radiation therapy treatment planning (HZ)
10:40 – 11:30 Introduction to Image Quality Characteristics (AA)	11:45 – 12:45 Digital Radiography: computed radiography, new digital receivers, DSA, image Processing techniques (AS)	12:00 – 12:30 Patient Dose in X-ray CT (AM)	10:30 - 10:50 Refreshments Break
11:30 – 12:00 Medical Physics in Algeria, present situation and perspectives (AT)	12:45 – 14:00 Lunch Break	12:30 – 1:00 Contribution of the Algerian Secondary Standard Dosimetry Laboratory to the regional development of medical applications (MA)	10:50 – 11:20 Quality Assurance in Diagnostic Radiology (AS)
12:00 – 12:40 Nuclear Medicine: Current trends: An overview (HZ)	14:00 – 14:30 Digital mammography (MM)	1:00 - 2:15 Lunch Break	11:20- 11:50 Quality Assurance in Computed Tomography (AM)
12:40 – 14:00 Lunch Break	14:30 – 15:30 Computers in diagnostic radiology and picture archiving and communication systems (AS)	14:15 - 15:00 Risk benefit analysis in diagnostic radiology (AM)	11:50 – 12:20 Quality Assurance in Fluoroscopy and interventional radiology (JB)
14:00 – 14:40 The physics of mammography; principles, advances (AM)	15:30 - 18:30 Faculty visit to a Hospital Based Radiology Department	15:00 - 15:30 Radiation dose management in conventional radiology and in CT (MM)	12:20 - 13:40 Lunch Break
14:40 – 15:20 Nuclear Medicine: SPECT Imaging (HZ)		15:30 – 16:00 Radiation Dose assessment in nuclear medicine (AB)	13:45 – 14:15 Quality Assurance in Planar and SPECT nuclear medicine imaging (SK)
15:20 – 16:00 Fluoroscopy in cardiovascular and interventional radiology; advances in image receptors (MM)		16:00 - 19:00 Visit to the Regional Secondary Standard Laboratory	14:15 – 15:00 Medical physics education; the medical physicist, radiology residents and radiological technologists, (AS)
16:00 – 16:30 Clinical applications of nuclear medicine in Algeria (RD)			15:00 – 15:30 Performance characteristic of PET Imaging systems (HZ)
16:30 – 17:00 Regulations and radiation protection in nuclear medicine in Algeria (AB)			15:30 - 16:30 Panel Discussion Local Faculty and Habib Zaidi, Anthony Seibert, Adel Mustafa, John Boone
			16:30 – 17:00 Distribution of Certificates and Closing Ceremony

BM : Boudjema Mansouri  
AB: Abdessalam Brihmat

MM : Mahadevappa Mahesh  
JB : John Boone

AT : Abdelkader Toutaoui  
AS : Anthony Seibert

MA: Mehenna Arib  
NB : Nacera Benamrane

AM : Adel Mustafa  
M'hA : M'hamed Afiane

HZ : Habib Zaidi  
SK : Said Kenida

RD: Rachida Drahmoune