

Scientific Program

Day 1

Time Tuesday, February 5, 2008

0700 - **ON-SITE REGISTRATION** **Venue:** Prince Salman Auditorium

SESSION 1 - Workshop Continuing Education Lectures

0800 - 0850 Session 1A: Intensity Modulated Radiotherapy (IMRT) & Image Guidance
Jatinder R. Palta, PhD (Waleed Al-Najjar, PhD) **Venue:** Prince Salman Auditorium

Session 1B: SPECT/CT
Gary Sayed, PhD (Refaat Al-Mazrou, MSc) **Venue:** RC Room 304

Session 1C: Digital Mammography QC
Renato Padovani, PhD (Adnan Al-Watban, PhD) **Venue:** Postgraduate Classroom #4

Session 1D: Radiobiological Modelling
Ghazi AISbeih, PhD MD (Ahmed Outif, PhD) **Venue:** RC Room B-51

Session 1E: Certification and Accreditations in Medical Physics
Patrick Horton, PhD (Saleh Bamajboor, MSc) **Venue:** Postgraduate Classroom #8

Session 1F: Stereotactic Radiosurgery
Horst Alheit, MD (Adnan Hbshi, MD) **Venue:** Radiation Physics Conference Rm

0850 - 0935 Session 1A: Intensity Modulated Radiotherapy (IMRT) & Image Guidance
Jatinder R. Palta, PhD (Waleed Al-Najjar, PhD) **Venue:** Prince Salman Auditorium

Session 1B: SPECT/CT QC
Refaat Al-Mazrou, MSc **Venue:** RC Room 304

Session 1C: Digital Mammography QC
Renato Padovani, PhD (Adnan Al-Watban, PhD) **Venue:** Postgraduate Classroom #4

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Session 1F: Stereotactic Radiosurgery
Horst Alheit, MD (Adnan Hbshi, MD) **Venue:** Radiation Physics Conference Rm

0935 - 1000 **Coffee Break**

SESSION 2 - Opening Ceremony **Venue:** Prince Salman Auditorium

1000 - 1045 *Dr. Belal Mofteh, Chairman, Conference Organizing Committee*
Dr. Sultan Al-Sedairy, Executive Director, Research Centre
Dr. Othman Bin Ahmed, Deputy Chief Executive Director, KFSH&RC

SESSION 3 - Keynote Session
Chairpersons: *Dr. Futwan Al-Mohanna and Dr. Khalid Aleissa*

1045 - 1130 Medical Physics: A Science, a Profession and a Lifelong Commitment
William R. Hendee, PhD

1130 - 1200 Medical Radiation Dosemetry: Current Status and Future Perspectives
Pedro Andreo, PhD

1200 - 1320	Lunch / Prayer Break Sponsored by: Advanced Systems Co. (ASCO)	Venue: Al-Ma'ather Cave Park
	SESSION 4 - Plenary Lectures Chairpersons: <i>Dr. Mohamed Al-Shabanah and Dr. Waleed Al-Najjar</i>	Venue: Prince Salman Auditorium
1320 - 1340	Radiobiology: Advances and Role in Radiation Therapy and Medicine <i>Roger G. Dale, PhD</i>	
1340 - 1405	Proton Therapy: In Pursuit of Accuracy and Conformality I <i>Jatinder R. Palta, PhD</i>	
1405 - 1420	Experiences in Cranial and Extracranial Stereotaxy in Dresden <i>Horst Alheit, MD</i>	
1420 - 1440	Radionuclide Therapy <i>Gary Sayed, PhD</i>	
1440 - 1455	Radiation Protection: Patient and Staff Protection in Interventional Radiology <i>Renato Padovani, PhD</i>	
1455 - 1510	Discussion	
1510 - 1530	Coffee / Prayer Break	
	SESSION 5 - Scholarly Writing Chairperson: <i>Dr. Jehad Al-Watban</i>	
1530 - 1550	Writing Scientific Papers <i>William R. Hendee, PhD</i>	
	PANEL DISCUSSION - Education and Training Chairperson: <i>Dr. Belal Mofteh and Dr. Sameer Natto</i>	
1550 - 1715	<i>Pedro Andreo, PhD (International Experience)</i> <i>Roger G. Dale, PhD (European Experience)</i> <i>William R. Hendee, PhD (North American Experience)</i> <i>Jatinder R. Palta, PhD (North American Experience)</i> <i>Nabil Maalej, PhD (Local Academic Experience)</i> <i>Ueber J. Miola, PhD (Local Clinical/Hospital Experience)</i>	
	GALA DINNER & EVENING PRESENTATION Sponsored by: Al-Faisaliah Medical Systems	Venue: Riyadh Marriott Hotel
1930	Bus pick-up from hotels Chairpersons: <i>Dr. Yasser Khafaga and Dr. Abdul Hamid Al-Saudi</i>	
2000 - 2045	Image Guided Radiotherapy/Radiosurgery <i>Horst Alheit, MD</i>	
2045 - 2055	Laser Show	
2100 -	Dinner	

Time Wednesday, February 6, 2008

SESSION 6 - Workshop Continuing Education Lectures

0800 - 0850	Session 6A: Intensity Modulated Radiotherapy (IMRT) & Image Guidance <i>Jatinder R. Palta, PhD (Tarek El-Kaissi, PhD)</i>	Venue: Prince Salman Auditorium
	Session 6B: PET/CT <i>Gary Sayed, PhD (Omer Demirkaya, PhD)</i>	Venue: RC Room 304
	Session 6C: Computed Radiography (CR) QC <i>Kostas Chantzianthou, MSc</i>	Venue: Postgraduate Classroom #4
	Session 6D: Radiobiological Modelling <i>Ghazi AISbeih, PhD MD (Ahmed Outif, PhD)</i>	Venue: RC Room B-51
	Session 6E: Certification and Accreditations in Medical Physics <i>Patric Horton, PhD (Saleh Bamajboor, MSc)</i>	Venue: Postgraduate Classroom #8
	Session 6F: Stereotactic Radiosurgery <i>Horst Alheit, MD (Adnan Hbshi, MD)</i>	Venue: Radiation Physics Conference Rm
0850 - 0935	Session 6A: Intensity Modulated Radiotherapy (IMRT) & Image Guidance <i>Jatinder R. Palta, PhD (Tarek El-Kaissi, PhD)</i>	Venue: Prince Salman Auditorium
	Session 6B: PET/CT QC <i>Omer Demirkaya, PhD</i>	Venue: RC Room 304
	Session 6C: Computed Radiography (CR) QC <i>Kostas Chantzianthou, MSc</i>	Venue: Postgraduate Classroom #4
	Session 6D: Radiobiological Modelling <i>Roger Dale, PhD (Ahmed Outif, PhD)</i>	Venue: RC Room B-51
	Session 6E: Certification and Accreditations in Medical Physics <i>Gary Sayed, PhD (Saleh Bamajboor, MSc)</i>	Venue: Postgraduate Classroom #8
	Session 6F: Stereotactic Radiosurgery <i>Horst Alheit, MD (Adnan Hbshi, MD)</i>	Venue: Radiation Physics Conference Rm

0935 - 1000 **Coffee Break**

SESSION 7 - Plenary Lectures

Venue: Prince Salman Auditorium

Chairpersons: *Dr. Hamad Al-Suhaibani and Dr. Abdalla Al-Haj*

1000 - 1020	International Atomic Energy Agency (IAEA) Activities in Medical Physics <i>Pedro Andreo, PhD</i>
1020 - 1040	Dose Escalation in Diagnostic Radiology: Substantive Findings from an IAEA Task Group <i>William R. Hendee, PhD</i>
1040 - 1100	"Reference Levels" as a Tool to Optimize Patient Exposures in Diagnostic & Interventional Radiology: The European Experience <i>Renato Padovani, PhD</i>
1100 - 1120	RBE Effects in Hadrons Therapy <i>Roger G. Dale, PhD</i>
1120 - 1140	Improving the Accuracy of Dose Calibration and Dose Computation <i>Jatinder R. Palta, PhD</i>

1140 - 1200	Discussion	
1200 - 1315	Lunch / Prayer Break Sponsored by: Gulf Medical/Accuray	Venue: Al-Maather Cave Park
1315 - 1400	PANEL DISCUSSION - Medical Physics Society Chairpersons: <i>Dr. Abdullah Al-Dhaifiri and Dr. Essam Mattar</i>	Venue: Prince Salman Auditorium
	<i>William R. Hendee, PhD</i> <i>Patrick W. Horton, PhD</i> <i>Renato Padovani, PhD</i>	
1400 - 1405	SESSION 8 - Saudi Medical Physics Society (SAMPS) Board Election Chairperson: <i>Dr. Mogbil Al-Hedaithy</i> Moderator: <i>Dr. Gary Sayed</i>	
1405 - 1500	SAMPS Board Report <i>Ahmed Outif, PhD (President)</i>	
1500 - 1530	Coffee / Prayer Break	
1530 - 1700	SESSION 9 - Parallel Presentations	
	Parallel Session 9A Chairpersons: <i>Dr. Osman Al-Hanafy and Mr. Ibrahim Aref</i>	Venue: Prince Salman Auditorium
	Parallel Session 9B Chairpersons: <i>Dr. Khalid Al-Yousef and Dr. Sattam Lingawi</i>	Venue: RC Room 304
	Parallel Session 9C Chairpersons: <i>Dr. Jamila Al-Suwaidi and Mr. Fareed Mahyoub</i>	Venue: Postgraduate Classroom #4
	Note: Please see attached abstract pamphlet for schedule details	
	<i>Distribution of Conference Certificates</i> Venue: Prince Salman Auditorium	
1800 - 2000	Social Event / Trip	Venue: King Abdulaziz Museum
	GALA DINNER & EVENING PRESENTATION Sponsored by: Varian Medical Systems	Venue: Sheraton Riyadh Hotel & Resorts
	Chairpersons: <i>Dr. Khalid Balaraj and Dr. Mushabbab Al-Assiri</i>	
2030 - 2130	Novalis Tx - The Most Powerful Radiosurgery Solution Available <i>Bruno Schurter</i>	
2130 -	Dinner	

Scientific Program

Day 3

Time Thursday, February 7, 2008

SESSION 10 - Workshops

0800 - 1000

Session 10A: Intensity Modulated Radiotherapy (IMRT) & Image Guidance

Instructor: *Jatinder R. Palta, PhD*

Belal Mofteh, PhD

Coordinators: *Waleed Al-Najjar, PhD*

Venue: Radiation Therapy (TPS & T2)

Session 10B: SPECT/CT QC

Instructor & Coordinator: *Refaat Al-Mazrou, MSc*

Venue: Radiology (NM Room #4)

Session 10C: PET/CT QC

Instructor: *Gary Sayed, PhD*

Coordinator: *Omer Demirkaya, PhD*

Venue: Radiology (NM PET/CT)

Session 10D: Computed Radiography (CR) QC

Instructor: *Kostas Chantziantoniou, MSc*

Coordinator: *Nabil l'Qilan, MSc*

Venue: Radiology (Outpatient)

Session 10E: Digital Mammography QC

Instructor: *Renato Padovani, PhD*

Coordinator: *Adnan Al-Watban, PhD*

Venue: Radiology (Outpatient)

Session 10F: Radiobiological Modelling

Instructor: *Roger Dale, PhD*

Coordinator: *Ghazi AlSbeih, PhD MD*

Venue: RC Room B-56

1000 - 1200

Session 10A: Intensity Modulated Radiotherapy (IMRT) & Image Guidance

Instructor: *Jatinder R. Palta, PhD*

Belal Mofteh, PhD

Coordinators: *Waleed Al-Najjar, PhD*

Venue: Radiation Therapy (TPS & T2)

Session 10B: SPECT/CT QC

Instructor & Coordinator: *Refaat Al-Mazrou, MSc*

Venue: Radiology (NM Room #4)

Session 10C: PET/CT QC

Instructor & Coordinator: *Omer Demirkaya, PhD*

Venue: Radiology (NM PET/CT)

Session 10D: Computed Radiography (CR) QC

Instructor: *Kostas Chantziantoniou, MSc*

Coordinator: *Nabil l'Qilan, MSc*

Venue: Radiology (Outpatient)

Session 10E: Digital Mammography QC

Instructor: *Renato Padovani, PhD*

Coordinator: *Adnan Al-Watban, PhD*

Venue: Radiology (Outpatient)

Session 10F: Radiobiological Modelling

Instructor: *Roger Dale, PhD*

Coordinator: *Ghazi AlSbeih, PhD MD*

Venue: RC Room B-56

Session 10G: Certification and Accreditations in MP

Instructor: *Gary Sayed, PhD*

Venue: RC Room B-51

1200 - 1300

Lunch / Prayer Break

Sponsored by: Attieh Medico Ltd.

Venue: Al-Maather Cave Park

1400 -

Bus Pick-up for Social Event / Trip

Venue: Al-Thummama Camp No. 515