

**Table 7: List of International Scientific Exchange Programs (ISEP)**

**Co-Sponsored by American Association of Physicists in Medicine (AAPM) and by IOMP**

**Radiation Therapy Physics (ISEP-T), Diagnostic and Nuclear Medicine (ISEP-D)**

**1992: 1<sup>st</sup> ISEP-T: Islamabad, Pakistan, April 18-23, 1992**

Title: The Physics of Radiation Therapy

Institution: Nuclear Medicine, Oncology, and Radiotherapy Institute (NORI)

Directors: Saiyid Shah (USA), Azam Niroomand-Rad (USA) and Mohammed Zaidi (USA)

**1993: 2<sup>nd</sup> ISEP-T: Warsaw, Poland, August 26 – September 1993**

Title: The Physics of Radiation Therapy

Director: John Pacyniak (USA) and Azam Niroomand-Rad (USA)

**1994: 3<sup>rd</sup> ISEP-T: Tehran, Iran, May 21-25, 1994**

Title: The Physics of Radiation Therapy

Directors: Azam Niroomand-Rad (USA) and Azim Arbabi (Iran)

**1995: 4<sup>th</sup> ISEP-T: Istanbul, Turkey, September 11-15, 1995**

Title: The Physics of Radiation Therapy

Directors: Saiyid Shah (USA), Azam Niroomand-Rad (USA) and S. Kuter (Turkey)

**1996: 5<sup>th</sup> ISEP-T: Rabat, Morocco, September 30 – October 4, 1996**

Title: The Physics of Radiation Therapy

Directors: Azam Niroomand-Rad (USA) and Bouchaib Rabbani (USA)

**1997: 6<sup>th</sup> ISEP-T: Moscow, Russia, June 16 – 20, 1997**

Title: The Physics of Radiation Therapy

Directors: Azam Niroomand-Rad (USA), Ronya Likhovetskay (USA), Raner Tatiana (Russia) and Valeriy Kostylev (Russia)

**1998: 7<sup>th</sup> ISEP-T: Cairo, Egypt, May 10-14, 1998**

Title: The Physics of Radiation Therapy

Directors: Azam Niroomand-Rad (USA), Madjid Aissi (USA), Nader Sherbiny (Egypt), Zeinab et Taher (Egypt), Kazim Abd WI Halim (Egypt), and Ahmed Shafei (Egypt)

**1999: 8<sup>th</sup> ISEP-T: Sao Paulo, Brazil, June 2-5, 1999**

Title: The Physics of Radiation Therapy – Review and Update

Director: Doracy Fontenla (USA)

**1999: 9<sup>th</sup> ISEP-T: Cluj Napoca, Romania, June 10-14, 1999**

Title: The Physics of Radiation Therapy

Directors: Rodica Alecu (USA), Azam Niroomand-Rad (USA), and Stefan Both (Romania)

**2000: 10<sup>th</sup> ISEP-T: Bangkok, Thailand, May 29 - June 2, 2000**

Title: The Physics of Radiation Therapy – Review and Update

Directors: Azam Niroomand-Rad (USA), Ishmael Parsai (USA), and Anchalia Krisanaachinda (Thailand)

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**2001: 11<sup>th</sup> ISEP-T: Dhaka, Bangladesh, January 29 – February 2, 2001**

Title: Radiation Therapy Physics

Directors: Azam Niroomand-Rad (USA), Saiful Huq (USA), Gias-uddin Ahmad (Bangladesh)

**2002: 12<sup>th</sup> ISEP-T: Riyadh, Kingdom of Saudi Arabia, March 9 -13, 2002**

Title: Recent Advances in Radiation Therapy

Directors: Azam Niroomand-Rad (USA) and Mathew Al-Ghazi (USA), and A. Al- Bateri (Saudi Arabia)

**2002: 1<sup>st</sup> ISEP-D: Sao Paulo, Brazil, November 13-17, 2002**

Title: Diagnostic and Nuclear Medicine Physics

Directors: Doracy Fontenla (USA) and Adel Mustafa (USA)

**2003: 2<sup>nd</sup> ISEP-D: Cairo, Egypt, February 23-17, 2003**

Title: Diagnostic and Nuclear Medicine Physics

Directors: Adel Mustafa (USA) and Ahmed Reda Al-Shafei (Egypt)

**2004: 13<sup>th</sup> ISEP-T: Chengdu, China, August 23 – 27, 2004**

Title: Advances in Radiation Oncology Physics

Directors: Raymond Wu (USA) and Azam Niroomand-Rad (USA), Yimin Hu (China)

**2004: 3<sup>rd</sup> ISEP-D: Abu Dhabi, United Arab Emirates, March 21-25, 2004**

Title: Advances in Diagnostic Radiology and Nuclear Medicine Physics

Directors: Adel Mustafa (USA), Ahmed Ankid (UAE), Aziz Aziz (UAE), and Shada Ramahi (UAE)

**2005: 14<sup>th</sup> ISEP-T: Manila, Philippine, August 1 – 5, 2005**

Title: Current Practices and Advances in Radiation Therapy Physics

Directors: Azam Niroomand-Rad (USA), Saiyid Shah (USA), and Agnette Peralta (Philippines)

**2005: 15<sup>th</sup> ISEP-T & 4<sup>th</sup> ISEP-D:**

**Yaounda, Cameroon, November 7-12, 2005**

Title: Current Practices in Diagnostic, Nuclear Medicine, and Radiation Therapy Physics

Directors: Azam Niroomand-Rad (USA), Adel Mustafa (USA), Appolinaire Ngnah (Cameroon), Joseph Gonsu (Cameroon), and Jean Yomi (Cameron)

**2006: 16<sup>th</sup> ISEP-T: Buenos Aires, Argentina, November 18-21, 2006**

Title: Advances in Radiation Therapy: Introduction to IMRT, Gating, On-Board Imaging, and CT-Based Brachytherapy

Director: Doracy Fontenla (USA)

**2006: 5<sup>th</sup> ISEP-D: New Delhi, India, July 13 – 16, 2006**

Title: International Symposium on Advances in Diagnostic and Workshop on Cyclotron PET-CT

Director: Mahadevappa Mahesh (USA)

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**2007: 17<sup>th</sup> ISEP-T & 6<sup>th</sup> ISEP-D:**

**Manama, Bahrain, November 18-22, 2007**

Title: Current Practice, Recent and Future Advances in Therapeutic and Diagnostic Physics

Directors: Mathew Al-Ghazi (USA), Azam Niroomand-Rad (USA), and Adel Mohammed (USA)

**2007: 7<sup>th</sup> ISEP-D: Beijing, China, June 23-27, 2007**

Title: Medical Imaging Physics, an ISEP Short Course

Directors: Jihong Wang, USA, Raymond Wu, USA, and Shanglian Bao, China

**2008: 18<sup>th</sup> ISEP-T: Prague, Czech Republic, June 16 – 20, 2008**

Title: Clinical Dosimetry and Quality Assurance for Advanced Radiation Therapy Techniques

Directors: Joanna Cygler (USA), Doracy Fontenla (USA) and Ginette Marinello (France)

**2008: 8<sup>th</sup> ISEP-D: Algiers, Algeria, May 4-7, 2008**

Title: International Symposium on Advances in Diagnostic Imaging Physics

Directors: Adel Mustafa, USA and Abdelhamid Mellah, Algeria

**2009: 19<sup>th</sup> ISEP-T: Kuala Lumpur, Malaysia, June 17 – 20, 2009**

Title: Image-Based Technology in Radiation Oncology

Directors: Cheng Saw, USA, Fuad Ismail, Malaysia, and Ibrahim Wahid, Malaysia

**2009: 9<sup>th</sup> ISEP-D: Ankara, Turkey, October 17-20, 2009**

Title: International Workshop on Current Topics in Diagnostic Medical Physics

Directors: Mahadevappa Mahesh (USA) and Dogan Bor

**2010: 20<sup>th</sup> ISEP-T & 10<sup>th</sup> ISEP-D:**

**Amman, Jordan, October 7-10, 2010**

Title: Conference on Topics in Therapeutic and Diagnostic Medical Physics

Directors: Adel Mustafa, USA, and Shada Ramahi, Jordan

**2011: 21<sup>st</sup> ISEP-T: Mumbai, India, March 17-19, 2011**

Title: Workshop on Physics of Advanced Radiotherapy

Directors: Jatinder Palta, USA, Surendra P. Rao, USA and D.D. Deshpande, India

**2011: 11<sup>th</sup> ISEP-D: Patras, Greece, June 17-20, 2011**

Title: AAPM ISEP Diagnostic Workshop

Directors: Mahadevappa Mahesh, USA, George C. Kagadis, Greece, and George C. Nikiforidis, Greece

**2012: 22<sup>nd</sup> ISEP-T: Antalya, Turkey, Nov. 14-18, 2012**

Title: Emerging Technologies in Radiation Therapy

Directors: Bulent Aydogan, USA, Ismael Ozbay, Turkey, Hatice Bilge, Turkey

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**2012: 12<sup>th</sup> ISEP-D: Buenos-Aires, Argentina, Oct 24-27, 2012**

Title: Diagnostic Imaging Workshop

Directors: Mahadevappa Mahesh, USA, Roberto Isoardi, Argentina

**2013: 23<sup>rd</sup> ISEP-T: Baghdad, Iraq, Oct. 27-31**

Title: The Iraqi 1st Conference on Medical Physics

Directors: Moyed Miften and Muthana Al Ghazi, USA,

**2013: 13<sup>th</sup> ISEP-D: Bangkok, Thailand, November 6-8**

Title: ISEP-AAPM Diagnostic Imaging Workshop

Directors: Mahadevappa Mahesh and Cheng Saw, USA, Anchali Krisanachinda, Thailand

**2014: 24<sup>th</sup> ISEP-T: Tallinn, Estonia, 16<sup>th</sup> - 20<sup>th</sup> June 2014**

Title: QA and Dosimetry of Emerging Radiotherapy Techniques

Directors: Eugene Lief, USA

**2014: Santiago, Chile, January 27 – 31, 2014**

Title: Physics of Advanced Radiotherapy Techniques: The Role of Medical Images

Directors: Beatriz Sánchez, Paola Caprile, Doracy Fontenla

**2015: Kaunas, Lithuania 18<sup>th</sup> - 22<sup>nd</sup> May 2015**

Title: ISEP Training Course on Medical Physics in Quality Radiological Imaging

Directors: Dr Diana Adliene

**2015: Selangor, Malaysia, 11<sup>th</sup> -14<sup>th</sup> November 2015**

Title: AAPM/IOMP/ISEP Imaging Physics Workshop

Directors: Dr Yeong Chai Hong

**2016: Rabat Morocco, 26<sup>th</sup> - 29<sup>th</sup> March 2016**

Title: ISEP/AAPM - Diagnostic Imaging Symposium

Directors: Dr Habib Zaidi

**2016: Jakarta, Indonesia, August 22<sup>nd</sup> – 25<sup>th</sup>**

Title: ISEP/AAPM/IOMP Radiation Therapy Physics Course 2016

Directors: Cheng B. Saw, Lukman Hakim, Supriyanto Pawiro

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**2017: Durban, South Africa, 27th - 30th September 2017**

Title: ISEP/AAPM Therapy Physics Workshop

Director: Prof Habib Zaidi & Dr Graeme Lazarus

**2017: Lima, Peru, 3rd - 7th October 2017**

Title: AAPM/IOMP ISEP 2017 Course on Medical Physics

Directors: Dr Robert Jeraj & Dr Sandra Guzman Calcina

**2018: Cairo, Egypt, 31st March - 4th April 2018**

Title: ISEP/AAPM Diagnostic Imaging Workshop

Directors: Prof. Habib Zaidi & Dr Nashaat Deiab

**2018: Ljubljana, Slovenia, 3th - 7th July 2018**

Title: AAPM - ISEP course "Challenges in Modern Radiation Therapy Physics"

Directors: Joanna Cygler, Dave Rogers, Saiful Huq, Jan Jakob Sonke, Thomas Bortfeld, Rock Mackie, Božidar Casar, Robert Jeraj

**2018: Universitas Indonesia, 3rd - 7th October 2018**

Title: AAPM-ISEP-UI Diagnostic Imaging Medical Physics Workshop

Directors: Dr Supriyanto Pawiro