

**AAPM's Endeavors to Support Advanced Training of Medical Physicists in LMICs**



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**Outreach and collaboration tools for the profession beyond North America.**

**International Educational Activities Committee (IEAC)**

**International Affairs Committee (IAC)**



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**International Scientific Exchange Programs (ISEP)**

- Joint program of AAPM and IOMP
- One in Imaging and one in Therapy, each year.
- 4-5 full days
- Local Director and institutional commitments
- Program matched to the local needs
- 2 Program directors: Local (1) + AAPM-ISEP (1)
- Numerous lectures by 4-5 AAPM faculty
- Some practical demonstrations and exercises
- Language accommodation when possible
- Regional - Geographic balance



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**ISEP: Characteristics**



- **Raise the status and visibility of MP**
  - Clinical Institution
  - Academic
  - Regulatory
  - National Education and Health authorities
- **Boost the formation or advancement of local MP organizations**
- **Focused discrete event**
- **Seed to longer term collaboration and relations**

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**36 ISEP courses since 1992**

- 1992 Islamabad, Pakistan
- 1993 Warsaw, Poland
- 1994 Tehran, Iran
- 1995 Istanbul, Turkey
- 1996 Rabat, Morocco
- 1997 Moscow, Russia
- 1998 Cairo, Egypt
- 1999 Sao Paulo, Brazil
- 1999 Cluj Napoca, Romania
- 2000 Bangkok, Thailand
- 2001 Dhaka, Bangladesh
- 2002 Riyadh, Saudi Arabia
- 2002 Sao Paulo, Brazil
- 2003 Cairo, Egypt
- 2004 Chengdu, China
- 2004 Abu Dhabi, UAE
- 2005 Manila, Philippines
- 2005 Yaoundé, Cameroon

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**IAC and IEAC support: In Latin America**

- **ALFIM - founded at the AAPM annual meeting in Chicago, 1984**
- **Support of ALFIM workshops, congresses and courses**
  - 1988 - Austin
  - 1994 - Rio de Janeiro
  - 2000 - Chicago
  - 2001 - Caracas
  - 2004 - Rio de Janeiro
  - 2007 - Cartagena
  - 2010 - Cuzco
  - 2013 - Costa Rica
  - 2016 - Argentina
- **Numerous other national meetings and workshops**




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**International Educational Activities Committee – IEAC**  
**Co-sponsored Meetings, workshops and conferences**

March 27 - April 7, 2017	ICTP School of Medical Physics for Radiation Therapy: Dosimetry and Treatment Planning for Basic and Advanced Applications	Trieste, Italy
June 20 - 23, 2017	International Conference on Advances in Radiation Oncology (ICARO2)	Vienna, Austria
October 18 - 19, 2016	National Training Course on Justification and Optimization of Protection in Diagnostic X-ray Imaging and Interventional Radiology	Riyadh, Saudi Arabia
September 4 - 7, 2016	7th ALFIM Congress and the 13th Argentinean Meeting of Medical Physics	Cordoba, Argentina
June 7 - 11, 2016	Advanced Radiation Therapy 2016 Workshop	Ho Chi Minh City, Vietnam
May 24 - 27, 2016	International Workshop: Updates on Clinical Radiation Oncology	Chennai, India
April 29 - May 3, 2016	ESTRO 35	Turin, Italy
March 16 - 21, 2016	14th Mexican Symposium on Medical Physics	Mexico City, Mexico

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**International Educational Activities Committee - IEAC**

**WG on Cooperative Agreements between the AAPM and other National and International Medical Physics Organizations - WGNIMP**

- SEFM and AMPR
- Individual student and faculty visits: International Learning - A two way street
- Joint Scientific or Education Symposia
- Chair: Joanna Cygler

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**International Educational Activities Committee - IEAC**

**International Training and Research Coordination Subcommittee - ITRC**

- Facilitate training and research opportunities for international medical physicists within AAPM institutions when requested by national or international medical physics societies.
- Chair: Joanna Cygler

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