

# The Announcement of AOCMP 2015

Xi'an China  
Nov 5 – 8 2015

**Co-Sponsored and Organized by**

Chinese Society of Medical Physics (CSMP)

Shaanxi Provincial Cancer Hospital, Shaanxi Province, China

North American Chinese Medical Physicists Association (NACMPA)

**Endorsed by**

Asia-Oceania Federation of Organizations for Medical Physics (AFOMP)

American Association of Physicists in Medicine (AAPM)

International Organization for Medical Physics (IOMP)

**Venue:** Kempinski Hotel Xi'an China

**Website:** [www.aocmp2015.com](http://www.aocmp2015.com)

[www.csmp.org.cn/aocmp2015/](http://www.csmp.org.cn/aocmp2015/)

**Email:** [aocmp2015@163.com](mailto:aocmp2015@163.com)

## IMPORTANT NOTICE:

\*The conference date has been changed to Nov 5–8, 2015

\*The conference venue has been changed to Kempinski Hotel Xi'an.

请注意:

\*会议时间更改为 2015 年 11 月 5–8 日

\*会议地址更改为西安凯宾斯基酒店。





## Welcome message

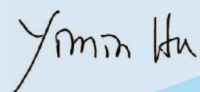
It is our great pleasure to announce that the 15th Asia-Oceania Congress of Medical Physics (AOCMP2015) will be held during Nov. 5-8, 2015 in the Kempinski Hotel of the historical-ancient capital city Xi'an of China. This mega scientific event is co-sponsored and organized by the Chinese Society of Medical Physics (CSMP), the Shaanxi Provincial Cancer Hospital, Shaanxi Province, China, and the North American Chinese Medical Physicists Association (NACMPA), under the auspices of the Asia-Oceania Federation of Organizations for Medical Physics (AFOMP), the American Association of Physicists in Medicine (AAPM) and the International Organization for Medical Physics (IOMP).

We have planned a comprehensive scientific programme including orations & talks by invited speakers, oral papers, posters and panel discussions. We are expecting a large number of quality papers from you. This conference will be a big expansion and continuation of the Huang'shan AOCMP 2007 conference which was a big gathering of all medical physicists and physicians from all corners of the Asian-Oceania region, and was run very successfully. We wish you to put this big scientific event in your busy schedule in advance, and contact us any time if you need any help related to your registration, and your comfortable and fruitful stay in Xi'an.

Xi'an is one of the oldest cities in the world with a vivid and rich history and culture. It is not only the birthplace of the Chinese nation, but also the birthplace of human civilization in Asia and the cultural center of prehistoric civilization. As such, Xi'an has a wealth of historical sites and relics to visit and see and is a great place to introduce yourself to Chinese history. The city of Xi'an was the first Chinese city to open up its doors to the ancient world, not in 1980 under the "Open Door" policy, but in fact, during the Tang dynasty when Xian blossomed as the first starting point of Silk Road. The most famous site in Xi'an is the Terracotta Army, built to protect the Emperor Qin Shi Huang, whose mausoleum lies close the warriors. Both these sights are to the east of Xi'an. And many dynasties kept the city beautiful and magnificent. More than two hundred and seventy palaces and temples were built in the Qin and the Han dynasties that are attracting many visitors every day from home and abroad to visit.

We suggest you to keep at least 2 days spare before or after the conference dates for sightseeing while planning your travel plan. The weather in Xi'an is generally very pleasing in early November and hope delegates will enjoy visiting Xi'an.

Looking forward to having you in Xi'an!



**Professor Yimin Hu**

**President of AFOMP  
Chairman of COC of AOCMP 2015**



## COC Committee, AOCMP 2015

### Co-Chairmen

Yimin Hu

Shanglian Bao

Zhangjun Song

### Secretary

Jianrong Dai

Zhihui Hu

Xiangyang Liu

Jie Qiu

Minghui Li

Mei Shi

Kuo Men

Yiping Yang

Wei Wang

Bo Yang

(Beijing)

(Xi'an)

### Treasure

Pinming Song

Zhixiang Liu

## Scientific Committee

### Co-Chairmen

Yimin Hu

Shanglian Bao

Zhicheng Liu

Tae Suk Suh

### International members

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Nuesslin Fridtjof

X. Allen Li

Raymond K. Wu

Arun Chougule

Ng Kwan Hoong

Masao Matsumoto

Jun Deng

Anchali Krisanachinda

Yakov Pipman

Ibrahim Duhaini

Tomas Kron

Howell Round

### Domestic members

Sen Bai

Yiping Du

Yutian Guo

Yaoxiong Huang

Bing Li

Peipeng Liang

Hongbing Lu

Baoci Shan

Feng Wang

Xiaoping Wang

Wenkai Wu

Xiao Xu

Xiaodong Zhang

Linghong Zhou

Yanling Bai

Jiahong Gao

Xiaodong He

Min Ji

Dingjie Li

Haifeng Liu

Haijun Niu

Deyi Sun

Guangzhi Wang

Yunlai Wang

Tingyi Xia

Jiqing Yang

Zhen Zhang

Liqing Zhou

Yingmao Chen

Wei Ge

Qing Hou

Weibo Ka

Qiang Li

Yaqiang Liu

Renjia Qin

Li Tan

Lianyuan Wang

Zhenzhou Wang

Jindong Xie

Zhenyu Zhai

Lancai Zhao

Luyi Zhou

Xiaowu Deng

Yun Ge

Weigang Hu

Jingbo Kang

Qin Li

Zhiwen Liu

Xuejun Qiu

Jie Tian

Pengcheng Wang

Aidong Wu

Zhengxiang Xie

Huiling Zhang

Hairong Zheng

Xiaoyun Di

Jianhua Geng

Xiaoyan Huang

Baoxin Li

Zhijia Li

Guangwen Lu

Hong Quan

Xiaoying Tang

Weidong Wang

Dake Wu

Tao Xu

Jiutang Zhang

Fugen Zhou

## Organizing Committee

### Co-Chairmen

Zhangjun Song

Jianrong Dai

Song Gao

Jingbo Kang

Jie Qiu

Xu Su

### Members

Yingquan Cai

Lan Gao

Qiuze Jin

Hai Liu

Zhixiang Liu

Zhiyu Qian

Mei Shi

Aidong Wu

Hong Xiang

Xiao Xu

Ruijie Yang

Zhenyu Zhai

Xiaoyun Di

Yu Ge

Zhongjian Ju

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Enmin Song

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Zhiyong Xu

Yiping Yang

Xiuchun Zhang

Yang Dong

Mulati Hamiti

Hongchang Lei

Jie Liu

Kai Mao

Xuejun Qiu

Lei Sun

Qinhong Wu

Huijun Xu

Bin Yan

Zhen Yang

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Chaijie Duan

Zhihui Hu

Minghui Li

Yongming Liu

Kuo Men

Zhilin Ren

Shi Wang

Xiangyang Wu

Limin Xu

Bo Yang

Yong Yin

Xixu Zhu

Zhenle Fei

Peng Jiang

Jun Liang

Yuanzhao Liu

Yantao Niu

Ge Shen

Xiaoqing Wang

Yican Wu

Shouping Xu

Shuming Yang

Fushan Zhai

Hao Zou

## Scientific Topics

### Radiation Oncology Physics

- 1 Technology: Beam Delivery Techniques
- 2 Planning: Imaging (Contouring, Segmentation, Fusion, Registration, Deformation)
- 3 Planning: Strategies (Optimization, Motion Management, Remote Dose Planning)
- 4 Planning: Dose Calculation (Analytical, Monte Carlo)
- 5 Biological/Functional Imaging and Treatment Planning in Radiotherapy
- 6 Treatment: Immobilization, Positioning and Motion Management (On-Line Imaging, Image-Guidance)
- 7 Brachytherapy and Radionuclide Therapy
- 8 Carbon and Proton Therapy
- 9 Special Treatment Strategies (Intraoperative, Stereotactic Treatments, Hypofractionation)
- 10 Assessment of Radiotherapy Responses (Imaging, Outcome Modeling)
- 11 Quality Assurance of Treatment Delivery (Treatment Verification, IGRT)
- 12 Quality Management and Patient Safety
- 13 Dosimetry, Calibration

### Diagnostic Imaging Physics

- 1 X-ray Imaging/ Mammography
- 2 Computed Tomography
- 3 Magnetic Resonance Imaging
- 4 Ultrasound Imaging
- 5 SPECT and PET
- 6 Multi-Modality Imaging (PET/CT/MRI, etc.)
- 7 Imaging Bioimpedance and Bioelectric Sources
- 8 Optical Imaging
- 9 Phase Contrast Imaging
- 10 Image Processing
- 11 Imaging Detector Technology
- 12 Stereoscopic Display
- 13 Simulation Methods: Digital Phantoms and Monte Carlo Methods
- 14 Quantitative Imaging for Diagnosis and Treatment
- 15 Dose, Risk and Dose Optimization
- 16 Quality Assurance
- 17 Magnetoencephalography– MEG

### Dosimetry and Radiation Protection

- 1 Dosimetry in Therapy (Experiments, Calculations)
- 2 Dosimetry in Imaging (Experiments, Calculations)
- 3 Dosimetry in Nuclear Medicine (Experiments, Calculations)
- 4 Dosimetric Techniques and Phantoms
- 5 Guidelines and Radiation Protection Reference Levels for Patients and Personnel
- 6 Shielding Design
- 7 Micro and Nano Dosimetry
- 8 Remote Dose Monitoring

### Biological Effects of Radiation

- 1 Biological Effects of Ionizing Radiation
- 2 Biological Effects of Non-Ionizing Radiation
- 3 Biological Dosimetry

### New Technologies in Cancer Research and Cancer Treatment

- 1 Adaptive Radiation Therapy (ART)
- 2 Real-Time Image-Guided Radiation Therapy
- 3 High Intensity Focused Ultrasound (HIFU) Therapy
- 4 Target Ablation by Using Microwave, Radiofrequency, Cryotherapy, etc.
- 5 Nanotechnology in Radiation Therapy and Imaging
- 6 Very High Energy X-Ray Therapy
- 7 Systemic Alpha Therapy
- 8 Pre-clinical Research on Phase 1 Trial
- 9 Hyperthermia Therapy
- 10 Laser Therapy
- 11 Laser Based Particle Radiotherapy

### Professional and Educational Topics

- 1 Education & Training in Medical Physics
- 2 Career Development in Medical Physics
- 3 Accreditation and Certification
- 4 Health Technology and Patient Safety
- 5 Health Technology Assessment and Economics
- 6 Health Technology Management in Developing Countries
- 7 Technology Enhanced Education
- 8 Preventive Healthcare & Public Health
- 9 Distance Training and Accreditation

### Special Topics & Workshops

- 1 Cost Effective Technologies for Developing Countries
- 2 The Art of Scientific Visualization
- 3 The Role of the Medical Physicist in Clinical Trials
- 4 Functional Evaluation Diagnosis and Treatment
- 5 Small Animal Irradiation and Imaging Technologies
- 6 Measurement of Tumor & Tissue Micro-Environment
- 7 Laser Generated Photon & Particle Beams
- 8 Nuclear Medicine Symposium: Technology and Clinical Applications
- 9 X, $\gamma$ -Knife Symposium: Technology and Clinical Applications
- 10 IOMP Symposium: Research in Medical Physics
- 11 IOMP & AFOMP Workshop: Nanoparticles in Cancer Therapy
- 12 WHO workshop: Telemedicine in Developing Countries
- 13 IOMP-IAEA-WHO Workshop: Radiological & Nuclear Emergencies
- 14 CSMP Workshop: Radiotherapy Information System (RTIS) based on IHE-RO Technical Framework

## Abstracts summit:

We are pleased to invite participants to submit abstracts for consideration in the final program.

Abstracts must describe the **purpose, methods, results, conclusions** and **keywords**.

Each abstract is limited to **300** words and should be in **English**.

All abstracts should be submitted **online** through the congress website.

You will be informed by e-mail about the acceptance/rejection of your abstract submission after the peer review process.

**Abstract submission deadline: August 31st, 2015**

## Arranged & Presented in

Orations & talks by invited speakers

Oral papers, posters and panel discussions

Language of presentation: **English**

## Registration time and fees

**Early bird registration deadline: September 30th, 2015**

**Onsite registration: November 5th, 2015, at Kempinski Hotel Xi'an**

Registration Category	Early Bird Registration	Standard Registration
AFOMP member countries	USD 200	USD 250
Other countries	USD 250	USD 300
Student	USD 120	USD 150
Accompanying person	USD 150	
Local participant	RMB 1000	RMB 1500
Local student	RMB 500	RMB 800

Registration fee for one participant covering pre-congress, lunchbox & tea breaks, Reception and Congress Dinner.

Please login to the Congress website to register for the Congress.

## Venue

### Kempinski Hotel Xi'an

Tel: +86 (0) 29 8355 0000

Website: [www.kempinski.com/xian](http://www.kempinski.com/xian)

No.6 West Section, Euro-Asia Avenue,

Chanba Ecological District,

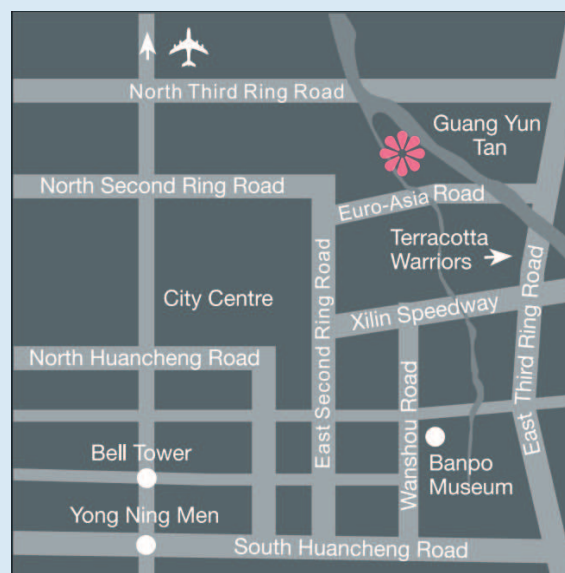
710021 Xi'an, Shaanxi Province, China

### Nearest airport

Xi'an Xianyang Airport (45 km)

### Nearest railway station

Xi'an North Railway Station (17km)



## Accommodation

Hotel Name	Rating	Room type	Room rates (RMB)
Kempinski Hotel Xi'an	5	Deluxe Room	550

This special room rate is offered only to conference participants. Please **call** the Reservation Department of the hotel at +86 (0) 29 8355 0000 or **email** to the hotel (rsvn.xian@kempinski.com) to book your room, and indicate that you will be attending the AOCMP2015 Congress. Booking your hotel in other ways will be subject to significantly higher rates. We encourage you to make your hotel reservations quickly, for the best price and availability. For more information about the hotel, please refer to <http://www.kempinski.com/xian>.

For students preferring a cheaper hotel, please contact Congress Secretariat for more information.

## 第 15 届亚太地区医学物理学术大会(AOCMP)通知

15 届亚太地区医学物理学术年会(AOCMP2015)将于 2015 年 11 月 5-8 日在中国西安举行。此次大会经亚太地区医学物理组织 (AFOMP)、美国医学物理学家协会 (AAPM) 和国际医学物理组织 (IOMP) 授权, 由中国医学物理学会 (CSMP)、陕西省肿瘤医院和北美华人医学物理师协会 (NACMPA) 联合主办。

本次学术会议以促进学术交流、提高医学物理研究、临床应用和教育水准为宗旨, 为世界各地的广大医学物理学家和相关领域的专家提供学术交流、成果展示、促进合作, 增进友谊的平台。

会议内容包括肿瘤放射物理、医学影像物理、剂量学和辐射防护、放射生物效应、核医学物理、癌症研究和治疗的新技术、医学物理教育以及其它特殊议题等。欢迎您前来参会!

本次会议属于国际会议, 会议详细内容请参阅相关英文通知及会议网站通知。

会议时间: 2015 年 11 月 5-8 日

会议地点: 陕西省西安凯宾斯基酒店

会议网站: [www.aocmp2015.com](http://www.aocmp2015.com); [www.csmp.org.cn/aocmp2015/](http://www.csmp.org.cn/aocmp2015/)

会议邮箱: [aocmp2015@163.com](mailto:aocmp2015@163.com) 电话: 010-87788663、87788291

请登录大会网站, 根据说明进行会议提前注册、论文投稿等。

会议期间食宿费自理。

国内注册代表将授予国家级一类继教学分 6 分。

特别提醒: 宾馆房间数量有限, 请尽快通过宾馆预定电话 (029 8355 0000 转预订部) 或 E-mail ([rsvn.xian@kempinski.com](mailto:rsvn.xian@kempinski.com)) 预定, 预定时请声明将参加本次大会。另外, 会场附近有各种档次的宾馆, 可自行联系预定。如有学生代表需要预定价格稍便宜的宾馆, 请咨询会务组。

中国医学物理学会

2015.1.20

