

Scientific Program

Thursday, August 19, 2010

Refresher Course 1

8:00~8:50

Room: Grand Ballroom A

A01. QUANTEC data for outcomes-driven treatment planning

Allen Li

Opening Ceremony

9:00~9:30

Room: Grand Ballroom A

Moderator: Yimin Hu, Jack Yang

Welcome address on behalf of CSMP

Yimin Hu

Welcome address on behalf of NACMPA

Jack Yang

Remark by distinguished guests

Plenary Session 1 : Medical Physics education and Training

9:30~10:30

Room: Grand Ballroom A

Moderator: Yimin Hu, Jack Yang

E01. Medical Physics' Contributions to Medicine

Depei Liu

E02. Medical Physics Education in Europe

Jean CHAUDAUDRA

E03. Technical Tools for Distant Learning in Medical Physics

Arthur Boyer

10:30~11:00 Refreshment Break

Therapy Session 1: Brachytherapy

11:00~12:30

Room: Grand Ballroom A

Moderator: Xiaoyun Di

A02. Brachytherapy - Role in Current IGRT/IMRT Era

Jack Yang

A03. Robotically Brachytherapy

Yan Yu

A04. Quality Assurance for Modern Techniques of Brachytherapy

Ginette Marinello

Imaging Session 1: Invited Talks

11:00~12:30

Room: Grand Ballroom B

Moderator: Shanglian Bao

B01. Clinical Applications of Breast Ultrasound Tomography

Duric

B02. The Application of True Stereo Display to Medical Imaging

Jihong Wang

12:30~14:00 Lunch/HGPT&PTW Meeting

Therapy Session 2: Treating Mobile Tumors

14:00~15:30

Room: Grand Ballroom A

Moderator: Jianrong Dai

A05. Cyberknife's functionality and current / potential applications

Charlie Ma

A06. Patient Motion Management Integrated into Radiation Therapy

Cheng Saw

A07. Dose Rate Regulated Tracking: a new strategy for tracking breathing induced tumor motion

Cedric Yu

Imaging Session 2: Invited Talks

14:00~15:30

Room: Grand Ballroom B

Moderators: Shanglian Bao

B03. Modeling and Quantitative Evaluation for Breast Cancer Using Dynamic Contrast-Enhanced Magnetic Resonance Imaging Technologies

Shanglian Bao

B04. Ultrasound imaging, drug delivery and therapy: 3 in 1

Hairong Zheng

15:30~16:00 Refreshment Break

Therapy Session 3: Dosimetry

16:00~17:30

Room: Grand Ballroom A

Moderators: Charlie Ma, Zhihua Li

A08. Investigation of some new chemicals for 3D dose measurements using gel images on MRI

M. AFZAL

A09. Clinical Dosimetry of High-energy Photons in Brachytherapy

Jing Zeng

A10. Monte Carlo Simulation of stepping source (channel 6) of GZP6 Afterloading Intracavitary Brachytherapy Unit

Mohammad Taghi Bahreyni Toossi

A11. An Experience on Dosimetry of Gynaecological Cancer of HDR Brachytherapy in BPKM Cancer Hospital, Nepal

Chand SB

A12. Implication of using AAA algorithm in dose prescription for lung cancer SBRT

Jin, Lihui

A13. FDS-WOMAN: Development of a Chinese Adult Female Voxel Computational Phantom from High-Resolution Color Photographic Images

Mengyun Cheng

A14. Patient specific cutout output factor measurement on Orthovoltage therapy unit Using Gafchromic films

LiHeng Liang

A15. An experimental calibration procedure for beam monitors in scanned carbon beam therapy at HIRFL

Dai Zhong-ying

Symposium on Palliative Radiotherapy

16:00~17:30

Room: Grand Ballroom B

Moderator: Yimin Hu

A16. Palliative Radiotherapy in Developing Countries

Burray Allen

A17. Is Cobalt Therapy still needed for developing countries?

Hao Wu

Congress Banquet

18:30~20:30 **Location: Grand Ballroom A&B, Grand Metro Park Hotel**

Friday, August 20, 2010

Refresher Course 2

8:00~8:50

Room: Grand Ballroom A

A18. Rotational Delivery QA

Jie Shi

Plenary Session 2 : Image-Therapy Frontier

9:00~10:30

Room: Grand Ballroom A

Moderators: Shanglian Bo, Almon Shiu

B05. The application on tumor Diagnosis and Treatment using functional and molecular MRI

John Gore

A19. Radiological and Molecular Image Guided Radiation Therapy:
Yesterday, Today and Tomorrow

Lei Xing

A20. Opportunities and Challenges of Implementing Emerging Treatment
Technologies

Fangfang Yin

10:30~11:00 Refreshment Break

Therapy Session 4: Adaptive Radiotherapy

11:00~12:30

Room: Grand Ballroom A

Moderator: Chen-Shou Chui

A21. Image-guided radiotherapy for prostate cancer

Charlie Ma

A22. Transition from 3D-IMRT to 4D-IMRT Strategies of Offline Planning

Ping Xia

A23. Online Adaptive Radiotherapy

Steve Jiang