

**21<sup>st</sup> International Conference on Screening for Lung Cancer**  
**The 5<sup>th</sup> Affiliated Hospital of Sun Yat-Sen University, Zhuhai, China**  
**October 24-25, 2009**

The broadest mission of these Conferences is the collective pursuit of understanding of the issues surrounding early diagnosis of lung cancer. While the main focus has been on the development and evaluation of the regimen of early diagnosis of lung cancer, a secondary focus has been on the diagnosis of other chest diseases in the context of screening for lung cancer.

The 21<sup>st</sup> Conference will present the new affiliation of I-ELCAP with the BioDesign Institute of Arizona State University including its resources and planned interactions. This Conference will focus on new frontiers in staging, pathology, imaging technology and treatment of early lung cancer as well as other related diseases. It will also present advances in the I-ELCAP infrastructure that will allow it to participate in large scale diagnostic and therapeutic studies. Eminent questions of how to optimize and evaluate the regimen of screening will be addressed.

**Saturday, October 24, 2009, Century Palace of Zhuhai Holiday Resort Hotel**

**9:00 – 9:30**

**Welcome.** Moderators: X. Liu, J.P. Smith

A. Xu, Vice President, Sun Yat-Sen University, Dean of School of Life Science,  
Director of Biopharmaceutical Development Center, Professor of Bioscience,  
Guangzhou

Q. Deng, Vice Mayor, Zhuhai City Government

X. Liu – Zhuhai Story

C. Henschke – The 21st Conference Agenda

**9:30 – 10:00**

**I-ELCAP Relationship with Arizona State University.** Moderator: J.P. Smith  
New affiliation with BioDesign Institute: Overview and Lung Cancer  
Initiatives– A. Nelson

**10:00 – 10:30**

**Coffee break**

**10:30 – 11:30**

**Other I-ELCAP Updates.** Moderator: X. Liu

Diagnostic, prognostic, and pathology results – C. Henschke

Modeling the mortality reduction – M. Kimmel

Smoking cessation among screenees: Who Quits? – J. Ostroff

**11:30 – 12:00**

**Frontiers in Lung Cancer Staging and Pathology.** Moderator: G. Cecchi

Key changes in lung cancer staging from the surgical perspective – J. Yoshida

Integration of molecular cytology profiling into the cancer clinic – M. D. Lozano

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- 12:00 – 13:00      Lunch**
- 13:00 – 13:30      Poster presentations**
- 13:30 – 14:45      Frontiers in Chest Imaging.** Moderator: D. Shaham  
CT scanner technology – M. Cham  
CT software technology: bronchial calcifications – R. Avila  
CT software technology: growth assessment – A.P. Reeves  
CT software technology: cardiac calcifications and COPD – A.P. Reeves  
CXR software technology: pulmonary nodules – M. Xu
- 14:45 – 15:15      Coffee break**
- 15:15 – 16:15      Research on Treatment of Early Lung Cancer.** Moderator: J. Zulueta  
Window of opportunity trials: overview – D. Yankelevitz  
Window of opportunity trials: imaging in outcome assessment – J. He, R. Avila  
Innovations in surgical technology – C.J. Kim  
Innovations in radiotherapy – B. Loo
- 16:15 – 17:15      Special lecture.** Moderator: C. Henschke  
Global aspects of lung cancer – P. Boffetta, Q. Zhou
- 18:30 – 22:00      Dinner cruise around Macau**

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**Sunday, October 25, 2009, Century Palace of Zhuhai Holiday Resort Hotel**

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| <b>9:00 – 10:00</b>  | <b>Steering Committee Meeting</b>  |
| <b>10:00 – 10:30</b> | <b>Coffee break</b>  |
| <b>10:30 – 12:00</b> | <b>Research Presentations</b>  |
| <b>12:00 – 13:00</b> | <b>Lunch</b>   |
| <b>13:00 – 13:30</b> | <b>Poster Presentations</b>  |
| <b>13:30 – 14:00</b> | <b>I-ELCAP Infrastructure as Resource for Ancillary Research</b><br>Moderator: M. Pasmantier<br>Introduction: D. Yankelevitz<br>Computer infrastructure for multi-reader studies – A. P. Reeves<br>Current FAMRI-IELCAP repository – M. Lane<br>Challenges in creating and using biorepositories – C. Cormier<br>Quality assurance and regulatory infrastructure – G. Bartoo |
| <b>14:00 – 14:30</b> | <b>Optimization of the Regimen of Screening for Lung Cancer</b><br>Moderator: J. P. Smith<br>Eminent questions – D. Yankelevitz<br>Approaches to resolution – O. S. Miettinen  |
| <b>14:30 – 15:00</b> | <b>Coffee break</b>  |
| <b>15:00 – 17:00</b> | <b>Workshops on Evaluation of Regimens of Screening for Lung Cancer</b><br>Proposed performance measures.<br>Moderators: J. P. Smith, C Henschke   |