The broadest mission of these Conferences is collective pursuit of understanding of the issues surrounding early diagnosis and early treatment of lung cancer. The focus of the Early Lung Cancer Action Program (ELCAP), which evolved into the International (I)-ELCAP, has always been on practice-relevant research. The key result of the NLST (National Lung Screening Trial) has now made the practice of the screening a timely concern, using a state-of-the-art regimen so as to minimize unnecessary workup and surgery. Practice naturally will produce data for further research and development of the screening process.

Monday Morning, October 24, 2011
Dan Hotel, Jerusalem, Israel

8:00 – 9:00 Welcome. Moderator: D. Shaham, J.P. Smith
Director General, Hadassah Medical Organization – S. Mor-Yosef
Mayor of Jerusalem – N. Barkat
Department of Oncology – T. Peretz
Department of Radiology – J. Sosna
Special lecture on Jerusalem in Judaism, Christianity, and Islam – S. Kaplan

9:00 – 10:00 Updates. Moderator: F. Grannis
Updates on lung cancer screening practice guidelines – J. Mulshine
Background and core result of the NLST – D. Yankelevitz
Modeling of the NLST data: the role of CISNET – M. Kimmel
The NLST from a clinician’s perspective – J.P. Smith
What is knowable about the screening today – D. Yankelevitz
Discussion

10:00 – 10:30 Coffee Break and Group Photo

10:30 – 11:00 I-ELCAP Update. Moderator: P. Meyers
Critique of I-ELCAP, with responses – D. Yankelevitz
Future plans – C. Henschke

11:00 – 12:30 I-ELCAP as a Global Network of Practice and Research
– Moderator: J. P. Smith
Concept of the Network – C. Henschke
Israel – D. Shaham/A. Shmueli
Europe –
Spain - J. Zulueta
Italy – S. Giunta/S. Canitano
Poland – W. Rzyman
China –
I-ELCAP Beijing – N. Wu
I-ELCAP Zhuhai – X. Liu
United States –
Veterans Administration in the US – S. Aguayo
Department of Energy – S. Markowitz/A. Miller
New York City Project – D. Yankelevitz
Monday Afternoon, October 24, 2011
Dan Hotel, Jerusalem, Israel

12:30 – 14:00  Lunch

14:00 – 15:00  Central Functions of the Network. Moderator: C. Henschke
Support of practice and support of research – C. Henschke
The Cloud environment and infrastructure support for research – A. Reeves
Quantitative imaging in practice and research – J. Mulshine*
*Sponsored by the Israel Cancer Association

15:00 – 15:30  Coffee Break

15:30 – 16:30  Special Topics for Research. Moderator: L. Montuenga
Advancing the knowledge base of medicine: an industrial perspective
   – K. Miettinen
Devices for calibration of nodule growth and radiation dose – R. Avila
The electronic nose – N. Peled
Inflammation – D. Wallach

16:30 – 17:30  Keynote lecture. Moderator: V. Rotter
Lung cancer research at the Weizmann Institute – V. Rotter
Novel risk biomarkers based on DNA repair for prevention
and early detection of lung cancer – Z. Livneh

18:30  Night Tour of Jerusalem
Tuesday, October 25, 2011
Dan Hotel, Jerusalem, Israel

9:00 – 10:30  The Nonsolid Nodule. Moderator: D. Yankelevitz
Current practice:
Imaging – D. Shaham
Growth assessment – A. Reeves
Pathology – M. Lozano
Surgical treatment – R. Flores
Critical discussion

10:30 – 11:00  Coffee Break

11:00 – 12:30  Selected Presentations. Moderator: F. Grannis
Limited resection with intraoperative brachytherapy in high risk patients
– C. Connery
Radiofrequency ablation for small lung cancers – L. Appelbaum
Correlation of low-dose CT coronary calcification and Agaston scores – J. Shemesh
Importance of lung cancer size – O. Gorlova
Challenges in the evaluation of nodules – A. Onn
Smoking cessation efforts in Israel – I. Lev/ A. Hausner

12:30 – 13:00  Poster Presentations. Moderator: X. Liu

13:00 – 14:00  Lunch

14:00 – 15:30  Steering Committee Meeting