



Satellite Meeting

Free-Electron Lasers' Applications

**Dan Panorama Hotel
Tel-Aviv, Israel
18:00 Tuesday, Sep 11, 2012**

**Keynote speaker: Dr. Yehoshua Kalisky
Nuclear Research Center Negev**

Program

- 18:00 A. Gover (TAU). Opening remarks
- 18:10 Y. Socol. Introduction
- 18:20 Y. Kalisky (NRCN). Keynote lecture – high-power lasers' field review
- 18:50 Users' anticipations from FELs
- 19:20 Accelerator industry (AES, RI, THALES) – comments on the users' anticipations
- 19:40 FEL people – discussion of the future directions
- 20:00 Concluding remarks – Y. Socol

Free-Electron Laser (FEL) is a source of a spatial and temporal coherent light. Several existing FELs operate in various spectrum domains, from far infrared to hard X-rays. FEL technology reached significant maturity benefiting from decades of R&D and FEL operations. This symposium was arranged in order to have round table discussions focused on the present state-of-art, with emphasis on compact FELs suitable for industrial applications, in an informal and a brainstorming atmosphere. We are happy that such atmosphere was really felt during the meeting. We want to thank all the participants and anticipate further contacts and collaboration on this exciting subject.

Dr. Yehoshua Socol, *Falcon Analytics*