

2010 ASC Board Elections – Large Scale



Shlomo Caspi

- Affiliation** Lawrence Berkeley National Laboratory (LBNL)
- Position** Senior Mechanical Engineer
- Education** University of California Los-Angeles – UCLA (PhD 1978)
- Research Interests/
Areas of Expertise:** Superconductivity, Superfluidity, Magnets for Particle accelerators, Magnet design – NbTi and Nb₃Sn, Magnetic field calculations, Stress and structure analysis, Computer simulations, General R&D of superconducting magnets – new methods, new concepts, analytical methods.
- Publications** Over 100
- Approximate Number of Years in Applied Superconductivity:** 32 years
- Membership in Professional Societies** IEEE
- Service to Related Conferences** Chairperson, CHATS workshop 2006

During that past 32 years my work, interest, and experience focused on superconducting magnet R&D, from mechanical properties of superconducting cables to magnetic field calculations, structural analysis and complete magnet design (NbTi and Nb₃Sn). I have attended numerous conferences and made many friends around the world.

- Statement** My interest and enthusiasm never went too far from technical and analytical issues in superconducting magnet design, an experience I have shared with many of past and present colleagues. My aim is to keep pushing applied superconductivity through research and analysis, to ensure a high professional level of science and engineering, encourage our young scientists and engineers to think outside the box, challenge past work and make it better.