

Optical Phase Change Memories -
Basic premises, Future possibilities

Stan Ovshinsky
Energy Conversion Devices

- **Giving the keynote speech at this important optical phase change meeting is a great responsibility.**
- **I wish not only to provide historical perspective but to point the way so that new generations of products can achieve higher capacities and new capabilities.**
- **I will discuss how atomic engineering can be a powerful tool and provide specific examples of how one can control and modulate the phase change material to offer more degrees of design freedom.**
- **I hope to stimulate new approaches that can further advance our exciting field.**