

## **TEN GREAT DISCOVERIES *NOT* ORIGINATED FROM EXPERIMENTATION**

1. The displacement current (hence electromagnetic waves and unification of EM and Optics)
2. Mass-energy equivalence
3. Curved space-time
4. Stimulated emission of radiation (hence laSER)
5. Condensation of ultracold bosonic species
6. Matter waves
7. Gravitational waves
8. Antimatter
9. Gauge fields
10. The geometric phase