

Some very broad areas, among the many suitable for 10-minute talks

- superfluid ^4He
 - superconductivity
 - superfluid ^3He
 - magnetism
 - quantum Hall effects
 - critical phenomena
 - renormalization group
 - nonequilibrium phase transitions
 - self-organized systems
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- early universe
 - stellar evolution
 - white dwarfs
 - neutron stars
 - black hole thermodynamics
 - evolution of large-scale structure
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- quark-gluon plasma
 - stochastic cooling of antiprotons
 - lattice gauge calculations
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- Bose-Einstein condensation in atomic systems
 - lasing as a phase transition
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- path integrals in statistical mechanics and field theory
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- foundations of statistical mechanics and thermodynamics
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- applications in technology