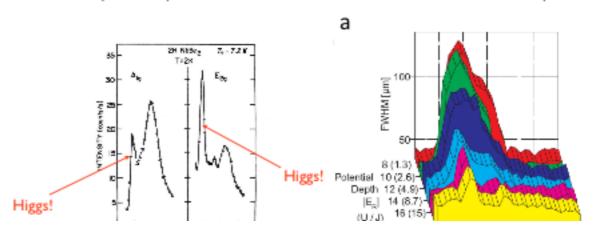
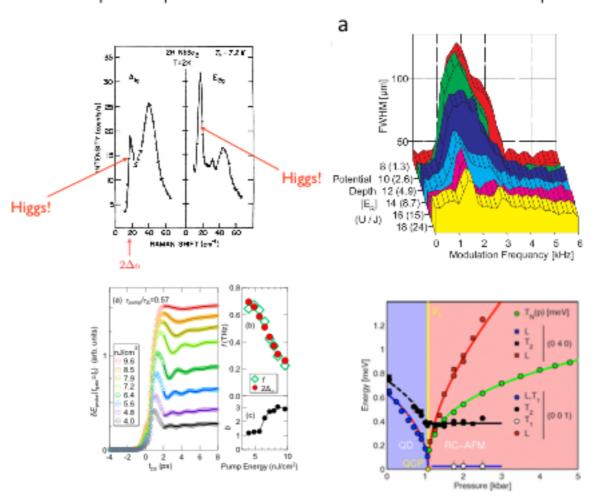
Closing Remarks?

Principal Experiments discussed at the workshop

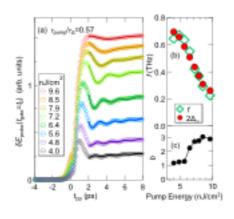


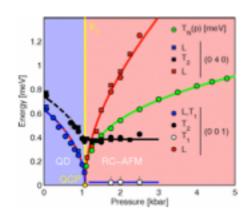
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Higgs of particle physics: Local gauge invariant model Scalar excitation





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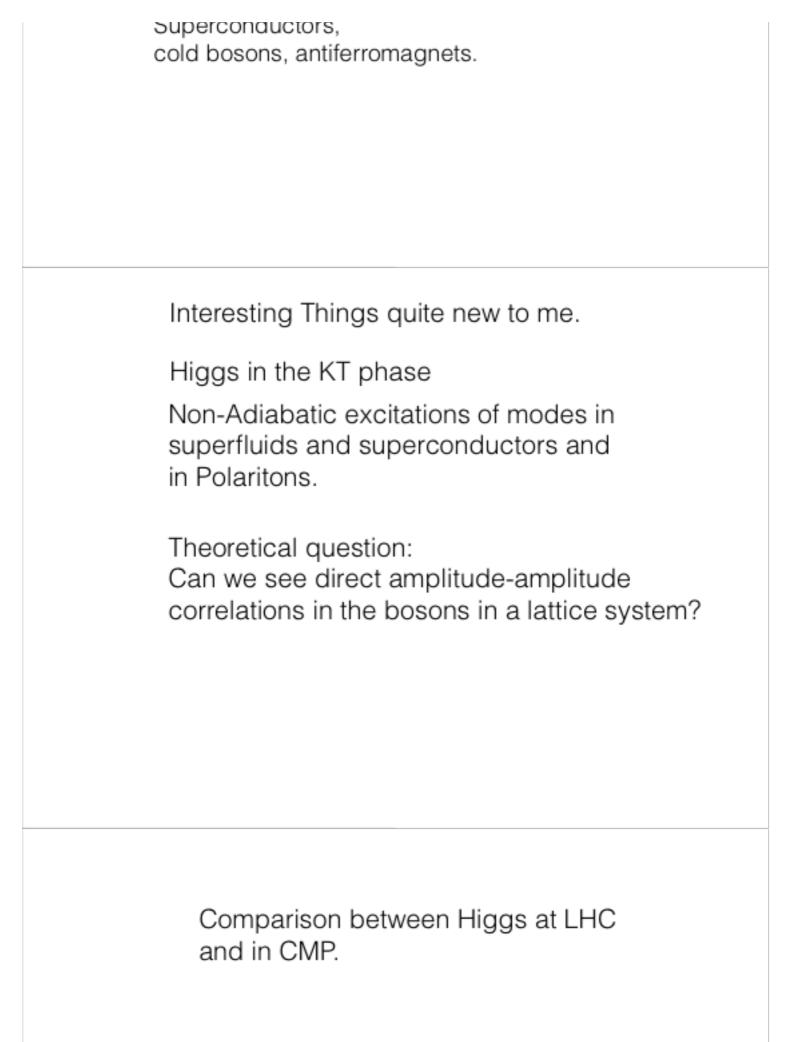
Higgs of particle physics: Local gauge invariant model Scalar excitation.

Superconductors, cold bosons, antiferromagnets.

Interesting Things quite new to me.

Higgs in the KT phase

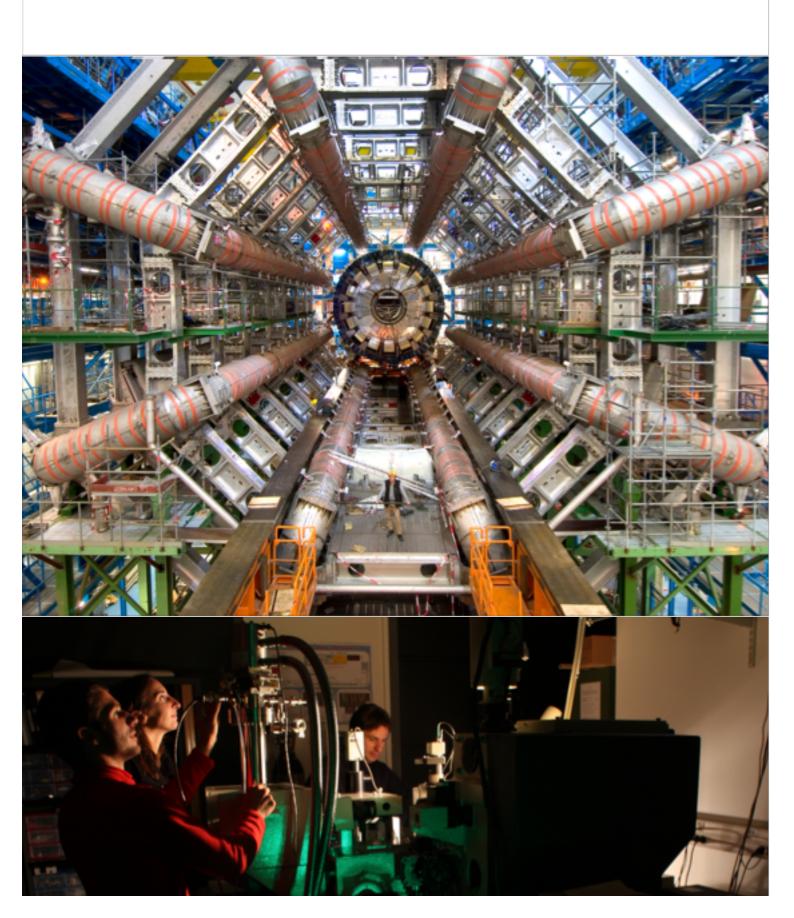
Non-Adiabatic excitations of modes in superfluids and superconductors and in Polaritons.



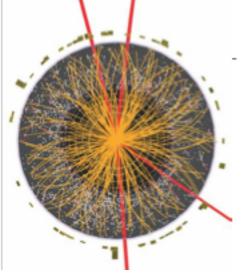
correlations in the bosons in a lattice system?

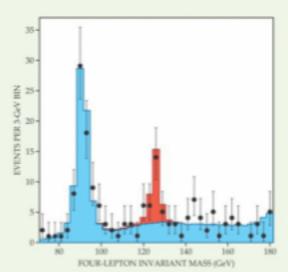
Comparison between Higgs at LHC and in CMP.



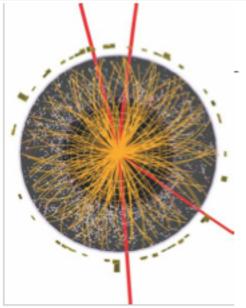




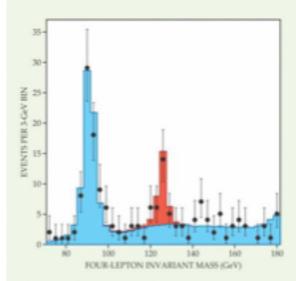


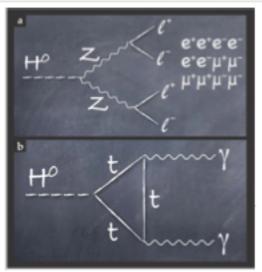






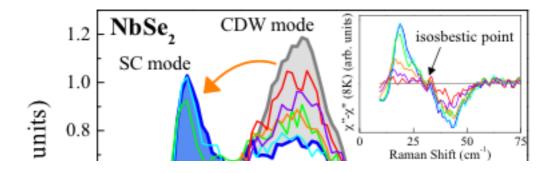
From Lykken and Spiropoulu Physics Today, Dec. 2013



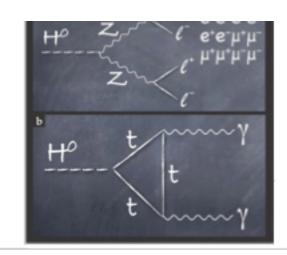


New Experiments: (M-A. Méasson, A. Sacuto, Paris)

Phys. Rev. B 2013 (and preprint)

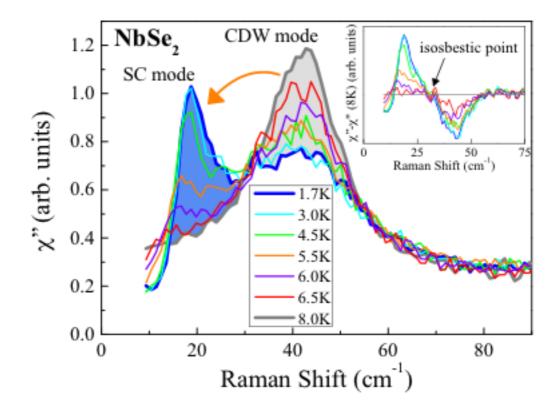


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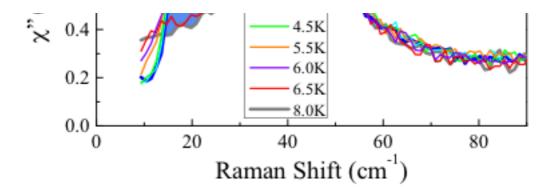
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Contrasting theory of superconductivity with electro-weak gauge theory: Can CMP say anything helpful?

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EPP: Few experiments in the 25 years prior to 2012. Condensed state non-abelian version of superconductivity. No knowledge of un-condensed state because it occurs at "Temperature" over about 250 GeV. In present theory: Higgs will exist, W and Z will become massless.

Nice to know we are back to having an "aether"

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Do, we as CM-experimentalists and theorists have any useful directions to suggest?

Wonderful workshop

I wish on behalf of the participants to express my great appreciation to the organizers, especially

Innei Danshita San

