Siu Chin at 60

Joining the club...

S. A. Chin

Department of Physics Texas A&M University
College Station (aka Aggieland), TX 77845

Chinfest, March 24-26, 2009

What we find . . .

Education:

- Ph.D. (Physics) Stanford University - 1975
- B.S. (Physics) Phi Beta Kappa, M.I.T. - 1971

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Experience:

- Professor of Physics, Texas A&M University, 1993 - present
- Associate Professor of Physics, Texas A&M University, 1990-1992
- Visiting Associate Professor of Physics, Texas A&M University, 1984-1989
- Adjunct Assistant Professor of Physics, UCLA, 1980-1984
- Research Associate in Physics, M.I.T., 1978-1980
- Postdoctoral Fellow in Physics, University of Illinois at Urbana-Champaign, 1975-1978

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505 citations of his thesis paper !

Some personal recollections

- An interesting paper in 1976

Landau theory of relativistic Fermi liquids

Gordon Baym and Siu A. Chin

Department of Physics, University of Illinois, Urbana, Illinois 61801, USA

Received 2 January 1976. Available online 26 October 2002.

Abstract

A relativistic extension of the Landau Fermi liquid theory, applicable to the study of high density matter, is developed. Consequences of Lorentz invariance in the theory are explored. The formalism is illustrated by a study of relativistic Fermi systems weakly interacting via scalar and vector meson exchange. Second order exchange energies for both massless scalar and massless vector interactions are calculated in terms of Landau parameters on the Fermi surface. Zero sound and "color-plasma oscillations" are studied in quark matter with SU(3) color gluon coupling.

Some personal recollections

- An interesting paper in 1976
- Overlap at UCSB

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- Same day arrival in Aggieland

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- $>$ 20 common papers and conference reports

  - Phys. Rev. Lett. **65**, 2658 (1990)
  - Physica **B105/106**, 531 (1990)
  - Chem. Phys. Lett. **178**, 435 (1991)
  - Phys. Rev. **B 45**, 852 (1992)
  - Nucl. Phys **A560**, 151 (1993)
  - . . .

Some personal recollections

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- Overlap at UCSB
- Same day arrival in Aggieland
- $>$ 20 common papers and conference reports
- Some social events

Some anecdotes (?) — hard to find !

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Dear Eckhard,
Your right that it is hard to find anything. I'll think about it and also ask Arthur Kerman, who worked with him while he was here.
Regards,
John
On Feb 27, 2009, at 5:06 AM, Eckhard Krotscheck wrote:
> Dear John,
> Do you have any "anecdotes" from Siu's early career in
> physics that would be worth mentioning at our small
> workshop ? I know, Siu is a determined and very
> serious person, it's hard to find anything.
> But you might know
> Best
> Eckhard
John W. Negele
Massachusetts Institute of Technology

Nevertheless (?)
Thanks for

- Being a most creative collaborator

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Thanks for

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- Being the pickiest co-author I ever had

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- Being the pickiest co-author I ever had
- Always finding the best Chinese restaurants

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All The Best !