

Abstract Submitted
for the DNP06 Meeting of
The American Physical Society

Collectivity and random interactions¹ CALVIN JOHNSON, San Diego State University — Diverse quantum systems, from nuclei to buckyballs to superconducting metals, often show similar collective behaviors, such as pairing or collective bands. These universalities show up when one uses random two-body interactions. In this talk I will discuss some new signatures of collectivity found in fermion systems with random interactions.

¹Supported by a grant from the U.S. Dept of Energy

Calvin Johnson
San Diego State University

Date submitted: 19 Jun 2006

Electronic form version 1.4