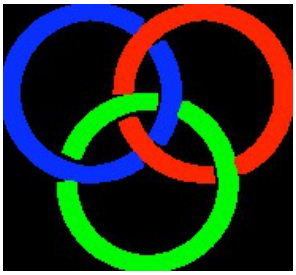

ID de Contribution: **10** Type: **Non spécifié**

Efimov Physics in a Many-Body Background

jeudi 13 octobre 2011 17:20 (40 minutes)

Recent success in the field of ultracold atomic gases has lead to the identification of universal low-energy three-body bound states as predicted by Efimov four decades ago. Some of these experiments are performed at such low temperatures that the three-body states have a background which can be a condensate or a degenerate Fermi gas. An interesting question is how this background will influence the properties of the Efimov states. We make an attempt to answer such a question in the case of a multi-component Fermi system.

Author: M. ZINNER, Nikolaj (Aarhus University, Denmark)

Co-auteur: M. NYGAARD, Nicolai (Aarhus University)

Orateur: M. ZINNER, Nikolaj (Aarhus University, Denmark)