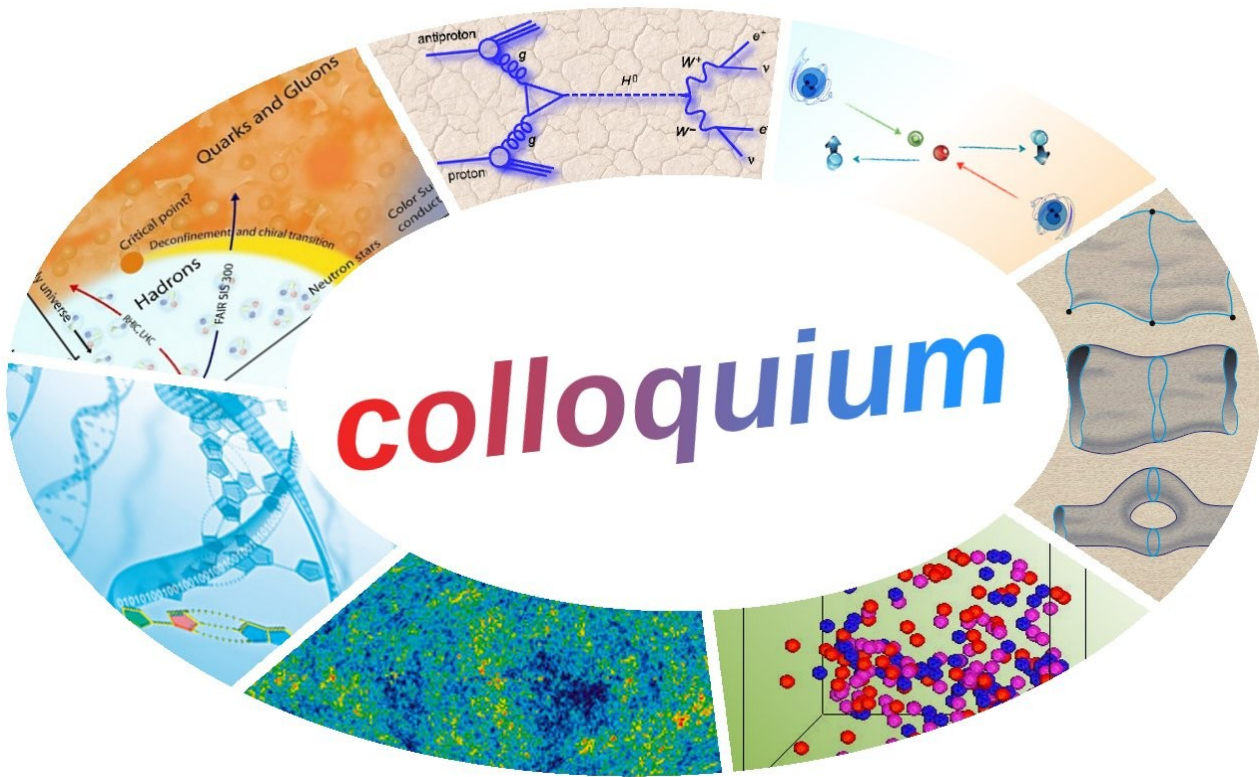


Università di Torino – Dipartimento di Fisica

Sezione di Fisica Teorica



**Mercoledì 28 Gennaio 2015, ore 14:30, Aula Wataghin**

**Sandro Stringari**

(Università di Trento and BEC-Trento)

***Superfluidity and propagation of sound  
in ultracold atomic gases***

In this seminar I will discuss recent advances in the theoretical and experimental study of superfluid phenomena in ultra cold atomic gases, with special focus on the propagation of sound at zero and finite temperature. Both Bose and Fermi gases will be considered and the role of low dimensionality effects will be explicitly discussed.