

# Physics Colloquium

**Title: Manhattan Project Astrophysics**

**Prof. Michael Wiescher**  
(University of Notre Dame (USA))

**Tuesday 18 Mar 2025, 16:00**

**Aula Caianiello - Dipartimento di Fisica "Ettore Pancini"**

**Abstract :** This talk will provide a historical analysis of the impact of academic nuclear physics in the 1930s on the US Manhattan Project from 1942 to 1945 and how it influenced the nuclear test program 1945-1970. I will also discuss the subsequent impact of the Manhattan Project towards the emergence of the Big Bang theory and the development of the field of Nuclear Astrophysics.



DIPARTIMENTO  
DI **FISICA**  
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