

# Bethe Colloquium

**Frank Close**

University of Oxford

## **Trinity - the exposure and pursuit of Klaus Fuchs, the most dangerous spy in history**

Trinity was the codename for the test explosion of the atomic bomb in New Mexico on 16 July 1945. Frank tells the story of the bomb's metaphorical father - Oxford professor, Rudolf Peierls; Peierls intellectual son, the atomic spy Klaus Fuchs; and the ghosts of the security services in Britain, the USA and USSR. Frank has found new insights from MI5 files in the British National Archives and documents of the FBI and KGB about Fuchs' treachery. These reveal that in addition to telling the Soviet Union everything about the atomic bomb, Fuchs passed key information about the H bomb much earlier than previously realised. Frank has also discovered that Fuchs was not exposed by J. Edgar Hoover's FBI, as has been believed for decades, but by the cryptographers at GCHQ. The talk is based on Frank's book "Trinity", published by Penguin in paperback.

**Lecture Hall I - Physikalisches Institut - Nussallee 12 - 53115 Bonn**

**Thursday, October 27, 2022, at 4:15 p.m.**

**Bethe Center for  
Theoretical Physics**

Physikalisches Institut  
Universität Bonn  
Nussallee 12  
53115 Bonn

phone (+49)228/73-3770  
mail theory@physik.uni-bonn.de



For detailed information visit us at: <http://bctp.uni-bonn.de>