Speaker:
Dr. Alessandro Pilloni
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Abstract:

Although QCD is universally acknowledged as the theory of strong interactions, the way how the fundamental degrees of freedom (quark and gluons) arrange themselves into the observed hadrons is still a mystery. Moreover, the presence of multiple states leads to intricate interference patterns that make the extraction of meaningful information challenging.

In this colloquium, I will discuss the role of amplitude analysis in converting the raw experimental data into robust physics information. I will finally present some of the phenomenological models used to describe the features of the spectrum.

4:15 pm
Jones Physical Science Center Room 409
(Rogers Seminar Room)

Hosted By:
Dr. Matthias Schindler

Refreshments Served
Everyone Invited

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