



Laboratoire LEPRINCE-RINGUET
École polytechnique - IN2P3/CNRS

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Salle de conférence du LLR pièce 05-2021

S é m i n a i r e L L R
le **Lundi 30 septembre 2013**
à **14:00**

Michael Tannenbaum
Brookhaven National Laboratory

**41st Anniversary of QCD. Experimental Viewpoint: From
ICHEP 1972 to ICHEP 1982**

QCD is now accepted as the standard theory of hard-scattering and strong interactions. However its acceptance by experimentalists was not as easy as might be imagined. The period from the International Conference on High Energy Physics (ICHEP) in 1972 (where Fritzsche and Gell-Mann first proposed QCD and production of particles at large transverse momentum was first presented) to the ICHEP ten years later when QCD was generally accepted as describing hard-scattering is reviewed from an experimental viewpoint. There were several unexpected discoveries in this period and the interplay of experiment and theory was crucial in understanding what the partons of Deeply Inelastic scattering were and how they interacted with each other.

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