



Contribution ID: 28

Type: **not specified**

Light front quantum mechanics and quantum field theory

Thursday, 19 September 2019 09:00 (30 minutes)

I will give a short introduction to light-front formulations of relativistic quantum mechanics and quantum field theory. I will discuss some of the special properties and advantages of a light-front dynamics. I will also discuss both the relation to and differences with “instant-form” relativistic quantum mechanics and canonical formulations of quantum field theory.

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Session Classification: Plenary

Track Classification: Field theories in the front form