

Light Front Puzzles

lundi 18 septembre 2023 11:00 (30 minutes)

I discuss some of the apparent inconsistencies in canonical, covariant and light-front formulations of quantum field theory and the resolution of these inconsistencies. The topics that will be discussed are (1) the problem of inequivalent representations (2) the problem of the trivial vacuum (3) the problem of ill-posed initial value problems (4) the problem of rotational covariance (5) the problem of zero modes and (6) the problem of spontaneously broken symmetries.

Auteur principal: POLYZOU, Wayne (University of Iowa)

Orateur: POLYZOU, Wayne (University of Iowa)

Classification de Session: Plenary