
AKPhil 2: Raum-Zeit-Theorien I

Zeit: Montag 16:45–17:30

Raum: KGI-HS 1015

Hauptvortrag AKPhil 2.1 Mo 16:45 KGI-HS 1015
Remarks on "General Covariance" and "Background Independence" — ●DOMENICO GIULINI — AEI, Potsdam

General Covariance and/or Background Independence are usually considered to be central requirements for any unifying theory of fundamen-

tal interactions, including Gravity and hence also a theory of Space-Time. However, a precise definition of these terms seems elusive and it is unclear (to me) in precisely what sense the corresponding requirements really constitute non-trivial heuristic principles. In my talk I will describe some of the main difficulties.