



# DESY Seminar

30 January 2007, 17:00, DESY Hörsaal

Johann Kühn (Universität Karlsruhe)

## *Precise Quark Masses: Why and How*

After a brief motivation for a precise determination of quark masses we present new results for charm and bottom quarks, based on the SVZ-sum rules. The significant improvement is due to a recent four-loop calculation of the vacuum polarisation function and an update of the experimental input.

- Tea and cookies will be served at 16:45 in the lobby.
- After the seminar there is a chance for private discussions with the speaker over wine and pretzels also in the lobby.