

Scale setting: Precision lattice QCD for particle and nuclear physics

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European Centre for Theoretical Studies in
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Sponsorship

- European Centre for Theoretical Studies in Nuclear Physics and Related Areas.
- University of Regensburg.

Workshop format

- Talks and discussions.
- Coffee breaks and lunches at the ECT*.
- Welcome reception on Monday, March 3, 17:00—18:00.
- Dinners on:
 - Tuesday, March 4, 20:00—22:00 at Due Mori,
 - Thursday, March 6, 20:00—22:00 at Scignano del Duomo.
- Friday, March 7 — half-day (but with lunch!).

Main theme

- Discussion of the lattice scales determined by various groups that contribute to the FLAG average.
- Sources of systematic uncertainties and choices made in the analyses.
- Physics input.
- Pathway forward.

Outcome(s)

- Journal of Physics G: Nuclear and Particle Physics offered to support this workshop.
- Idea: a joint review article co-authored by all participants, discussing the presented analyses and the outcomes of the workshop.
- We should discuss whether and how.