



Contribution ID: 61

Type: Oral presentation using Zoom

H-COUP: Radiative corrections to Higgs properties toward future precision measurements

Thursday, 28 October 2021 13:00 (20 minutes)

Precise determination for properties of the Higgs sector is one of the most important issues to clarify physics beyond the SM. For this purpose, we have developed the numerical tool H-COUP, and its version 1 (1-loop calculation for the Higgs boson couplings) and version 2 (1-loop calculation for the Higgs decay rates) have been published. We give a brief review of H-COUP and show how it works for precise calculations. We also discuss future prospects of the H-COUP project.

1st preferred time slot for your oral presentation

13:00-15:00 JST (6:00-8:00 CEST, 0:00-2:00 EDT, 21:00-23:00 PDT)

2nd preferred time slot for your oral presentation

15:30-17:30 JST (8:30-10:30 CEST, 2:30-4:30 EDT, 23:30-1:30 PDT)

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Session Classification: F-2: Higgs properties

Track Classification: Parallel sessions: Topical Groups: Session F: Higgs properties