

# Particleface webinar

## - Intro -

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Online, 21.9.21



# Setup

- idea: have in total 8 slots with 2 talks each during September/ October (last possible week: ends 22.10.)
- (up to) 2 hrs, 30 minute talk each, + 15 mins discussion
- **any member of Particleface welcome to contribute**

⇒ **We still have free slots** ⇐

- **preference will be given to young researchers (ECI), and members from ITC, NNC, and IPCs**

## Standard slot: 2 pm, tuesdays

- 21.9., 2 pm: Heidi Rzehak (University of Tuebingen), *"Precision predictions for the Higgs masses and mixings in the CP-violating MSSM"*
- 28.9., 2 pm: Zoltan Trocsanyi (ELTE Eotvos Lorand University), *"Phenomenology of gauged U(1) extensions of the Standard Model"*; Michele Tammaro (Stefan Institute), *"Interplay of new physics effects in lepton (g-2) and Higgs to leptons decay Lessons from SMEFT"*
- 6.10., 12 pm (noon): Simon Plaetzer (University of Vienna), *"Building Resummation Algorithms and better Event Generators "*; Grigorios Patellis (National Technical University, Athens), *"Phenomenology of N=1 Trinification from Dimensional Reduction of a N=1, 10D E<sub>8</sub> Theory"*
- 12.10., 2 pm: Simonas Drauksas (Vilnius University), *"On the On-Shell Renormalization of Fermion Masses, Fields, and Mixing Matrices at 1-loop"*; Antonio Morais (University of Aveiro), *tba*
- 19.10., 2 pm: Adam Kardos (University of Debrecen), *"W+charm production with massive c quarks in PowHel"*; Janusz Gluza (University of Silesia), *"Potential signals of doubly charged Higgs scalars at future colliders"*

# Technicalities

- Indico: <https://indico.cern.ch/category/14307/>
- Zoom: <https://cern.zoom.us/j/65296847802?pwd=c2JCNUpXZm1hS29OK09KTTJXRU9ndz09>
- Contact: [trobens@irb.hr](mailto:trobens@irb.hr)