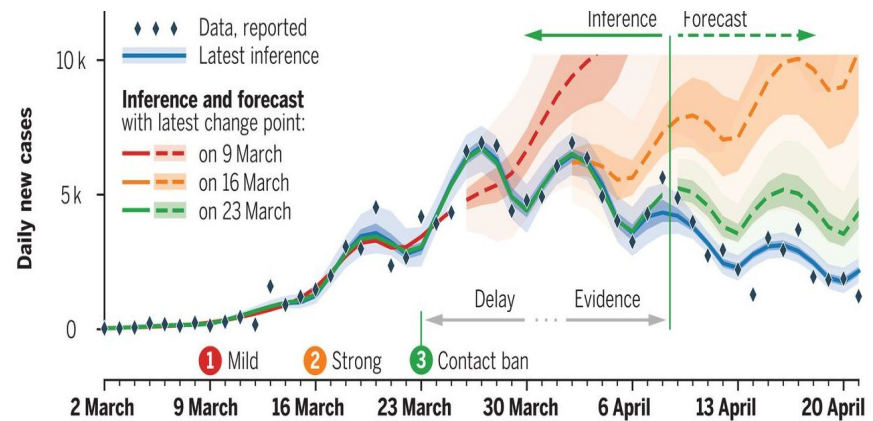


Welcome to the  
General LHC Electroweak  
Working Group Meeting

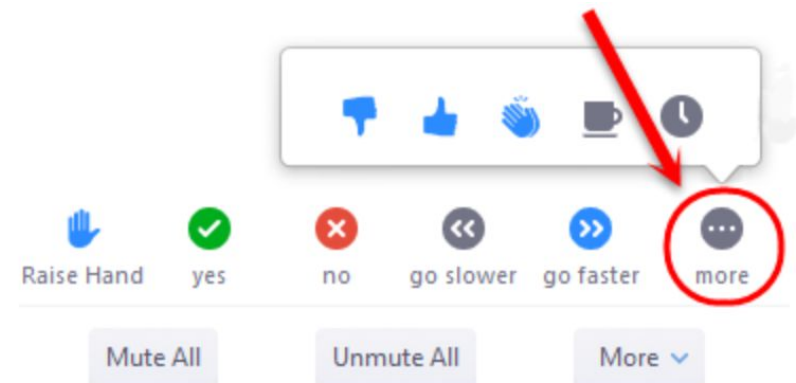
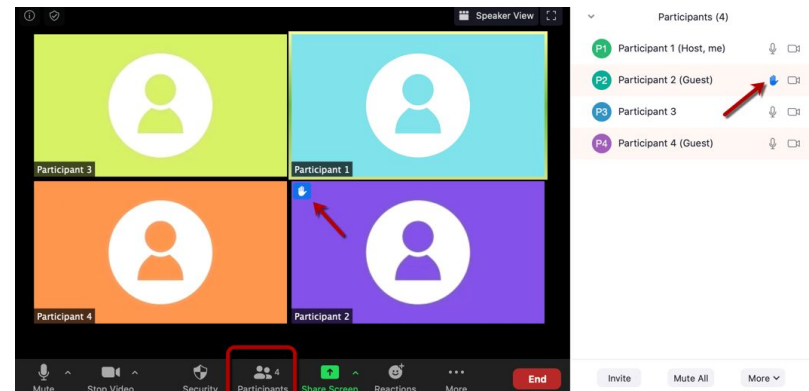
# Some News and Announcements

- We all planned the year 2020 differently
  - We wanted to discuss a nearly ready version of the yellow-reports of all subgroups
  - Instead we learnt about pandemic models
- On the positive side
  - We have quite some progress on
    - PDFs, Combinations, MC-Generators
  - We have some progress also on the yellow reports
  - And most importantly: many new physics results
  - => this defines to content of the workshop



# Some News and Announcements

- We hope that we can meet in person for the meeting next spring, but for this meeting we have some rules
  - If you are speaker, please turn your video on
  - If you want to comment / ask questions, please raise your “blue” hand and so that the session chair is informed
- Change in the team
  - The role of Matthias Schott will be taken over by the outgoing ATLAS SM convener Andy Pilkington
  - From LHCb, the role of Tara Shears has been taken over by Mika Vesterinen.



# Agenda: Thursday

THURSDAY, 8 OCTOBER		
<b>14:00</b> → 15:40	<b>Topical Session: PDFs and Combinations Across Experiments</b>	
<b>Conveners:</b> Alessandro Vicini (Università degli Studi e INFN Milano (IT)), Bogdan Malaescu (Centre National de la Recherche Scientifique (FR)), Josh Bendavid (CERN), Matthias Schott (CERN / University of Mainz)		
<b>14:00</b>	<b>PDF Benchmarks (30+10)</b> Speaker: Robert Samuel Thorne (University College London (UK))	⌚ 40m
<b>14:40</b>	<b>W boson mass combination status/plans + PDF issues (20+10)</b> Speaker: Chris Hays (University of Oxford (GB))	⌚ 30m
<b>15:10</b>	<b>Treatment of EW effects in PDF fits and in experimental data (20+10)</b> Speaker: Mr Christopher Schwan (Università degli Studi di Milano)	⌚ 30m
<b>15:40</b> → 16:00	<b>Coffee Break</b>	⌚ 20m
<b>16:00</b> → 18:00	<b>Topical Session: News on MC Generators</b>	
<b>16:00</b>	<b>Progress in MC generators (25+10)</b> Speaker: Mauro Chiesa (CNRS LAPTh, Annecy)	⌚ 35m
<b>16:35</b>	<b>Mixed QCD-EW corrections to Drell-Yan processes (25+10)</b> Speaker: Federico Buccioni (University of Oxford)	⌚ 35m
<b>17:10</b>	<b>Standard Model Effective Theory at One-Loop in QCD (20+10)</b> Speakers: Ken Mimasu (Université Catholique de Louvain), Ken Mimasu (Particle Physics-Rutherford Appleton Laboratory-STFC - Science &)	⌚ 30m
<b>17:40</b>	<b>News on Resummation (20'+10')</b> Speakers: Thomas Cridge, Thomas Cridge (University College London)	⌚ 20m

# Agenda: Thursday

FRIDAY, 9 OCTOBER		
<b>14:00</b> → 16:00	<b>Topical Session: Highlight measurements at the LHC</b>	
	Convener: Matthias Schott (CERN / University of Mainz)	
<b>14:00</b>	<b>Measurements of photon induced processes at the LHC (30+10)</b>	⌚ 40m
	Speaker: Oldrich Kepka (Czech Academy of Sciences (CZ))	
<b>14:40</b>	<b>Polarized VBS Measurement</b>	⌚ 40m
	Speaker: Miao Hu (Massachusetts Inst. of Technology (US))	
<b>15:20</b>	<b>W helicity/interplay with data preservation/hepdata discussion</b>	⌚ 40m
	Speaker: Dr Louie Dartmoor Corpe (UCL (GB))	
	LCorpe_LHCEWWG...	
<b>16:00</b> → 16:15	<b>Coffe Break</b>	⌚ 15m
<b>16:15</b> → 18:25	<b>Overview and Discussions</b>	
	Convener: Matthias Schott (CERN / University of Mainz)	
<b>16:15</b>	<b>Status of the Yellow Report of the Electroweak Working Group (10+5)</b>	⌚ 15m
<b>16:30</b>	<b>Status of the Yellow Report of the V+Jets Subgroup (10+5)</b>	⌚ 15m
	Speaker: Ben Nachman (Lawrence Berkeley National Lab. (US))	
	LHCEWWGVJets.pdf	
<b>16:45</b>	<b>Status of the Yellow Report of the Multiboson Group (10+5)</b>	⌚ 15m
	Speakers: Jonas Lindert, Jonas Lindert	
<b>17:00</b>	<b>Report on the Needs and Goals of the LHC EFT Group</b>	⌚ 25m
	Speakers: Celine Catherine A Degrande (CERN), Kristin Lohwasser (University of Sheffield (GB)), Pietro Govoni (Universita & INFN, Milano-Bicocca (IT))	
<b>17:25</b>	<b>Discussion</b>	⌚ 30m