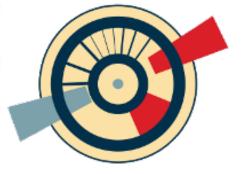
VBSCan and Snowmass present: Winter 2021 Workshop on the future of VBS studies

Pietro Govoni, Università and INFN Milano-Bicocca January 2021



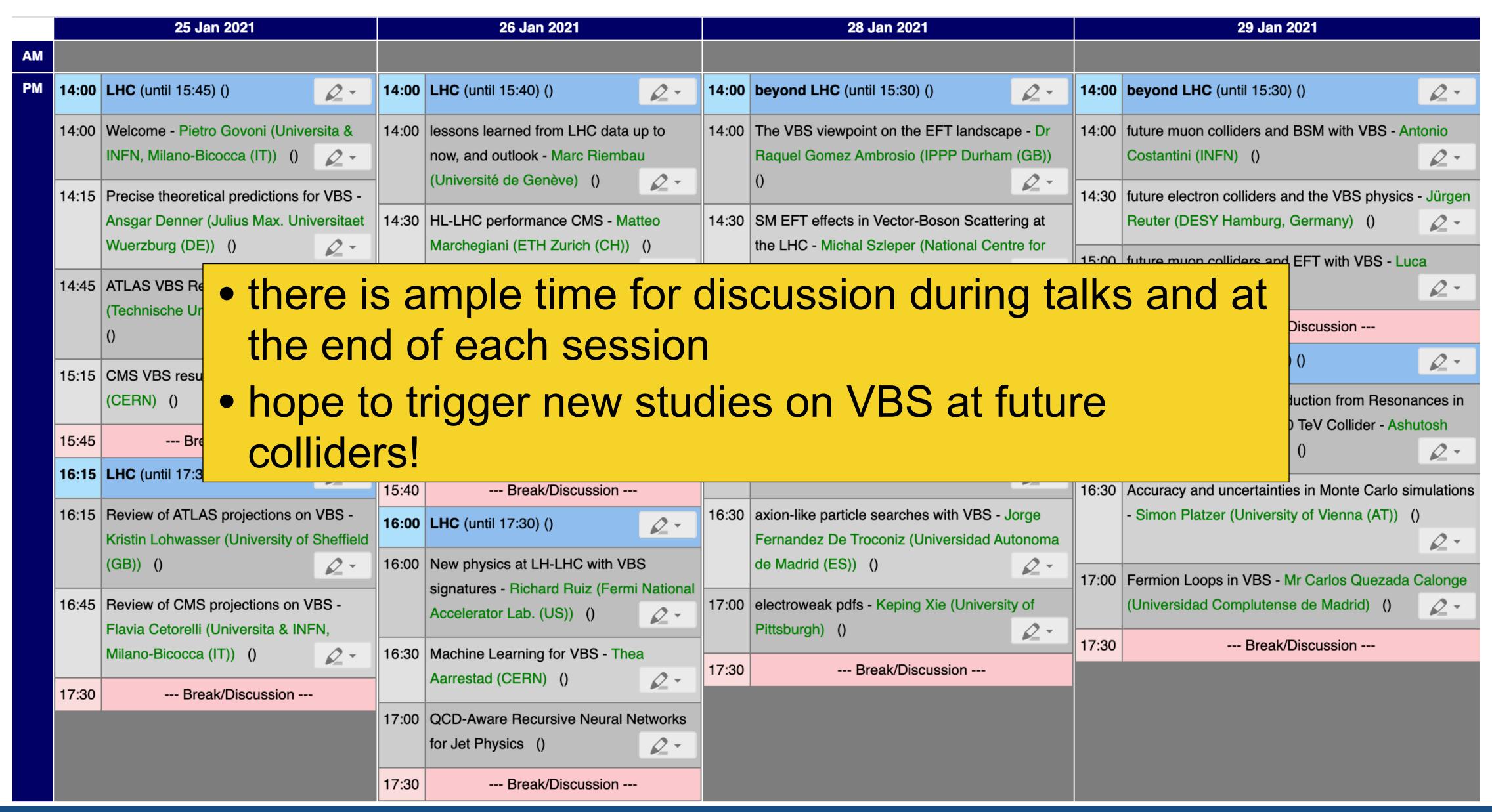




the meeting agenda

	25 Jan 2021			26 Jan 2021		28 Jan 2021		29 Jan 2021
14:00	LHC (until 15:45) ()	2-	14:00	LHC (until 15:40) ()	14:0	0 beyond LHC (until 15:30) ()	14:00	beyond LHC (until 15:30) ()
14:00	Welcome - Pietro Govoni (University INFN, Milano-Bicocca (IT)) ()			now, and outlook - Marc Riembau (Université de Genève) ()	The VBS viewpoint on the EFT landscape - Dr Raquel Gomez Ambrosio (IPPP Durham (GB)) ()		future muon colliders and BSM with VBS - Antonio Costantini (INFN) ()	
	Ansgar Denner (Julius Max. Univ		14:30		14:3	14:30 SM EFT effects in Vector-Boson Scattering at the LHC - Michal Szleper (National Centre for	14:30 at or	future electron colliders and the VBS physics - Jürge Reuter (DESY Hamburg, Germany) ()
14:45	ATLAS VBS Results - Joany Mar (Technische Universitaet Dresde ()			HL-LHC performance ATLAS - Karolos Potamianos (University of Oxford (GB)		Detecting anomaly in vector boson scattering - Jinmian Li (University of Adelaide) ()	15:30	
	CMS VBS results - Kenneth Long (CERN) ()	g Q-	15:10	MC challenges and implementation of EW shower in VINCIA - Rob Verheyen	15:3	o beyond LHC (until 17:30) ()	16:00	Double Higgs Boson Production from Resonances in Longitudinal VBS at a 100 TeV Collider - Ashutosh
15:45	Break/discussion LHC (until 17:30) ()			()	16:0	An overview of future pp colliders - Patrizia Azzi	_	Kotwal (Duke University) ()
	Review of ATLAS projections on Kristin Lohwasser (University of	Sheffield		Break/Discussion LHC (until 17:30) ()	16:3	axion-like particle searches with VBS - Jorge Fernandez De Troconiz (Universidad Autonom	16:30	Accuracy and uncertainties in Monte Carlo simulational - Simon Platzer (University of Vienna (AT)) ()
16:45	(GB)) () Review of CMS projections on V Flavia Cetorelli (Universita & INF			New physics at LH-LHC with VBS signatures - Richard Ruiz (Fermi Nation Accelerator Lab. (US)) ()	ard Ruiz (Fermi National	de Madrid (ES)) () electroweak pdfs - Keping Xie (University of Pittsburgh) ()	17:00	Fermion Loops in VBS - Mr Carlos Quezada Calong (Universidad Complutense de Madrid) ()
17:30	Milano-Bicocca (IT)) () Break/Discussion	2-	16:30	Machine Learning for VBS - Thea Aarrestad (CERN) ()	17:3		17:30	Break/Discussion
			17:00	QCD-Aware Recursive Neural Network for Jet Physics ()	_			
			17:30	Break/Discussion				

the meeting agenda



acknowledgements

to the organisers and to the speakers!

Ilaria Brivio, Diogo Buarque Franzosi, Michele Gallinaro, Pietro Govoni, Joany Manjarres, Kristin Lohwasser, Raquel Gomez Ambrosio, Gabriela Pasztor, Richard Ruiz, Marco Zaro



Everybody is welcome to join: just drop me an email (pietro.govoni@unimib.it) and visit our website:

https://vbscanaction.web.cern.ch