

FCC Week 2020 – Welcome



FCC Week
9-13 November 2020



European Union's H2020
Framework Programme





FCC Week 2020 – Welcome

- Health and safety first – an online event

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“the vision is to prepare a Higgs factory, followed by a future hadron collider with sensitivity to energy scales an order of magnitude higher than those of the LHC”

ESPP 2020





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- Verify the feasibility for success in realizing the FCC



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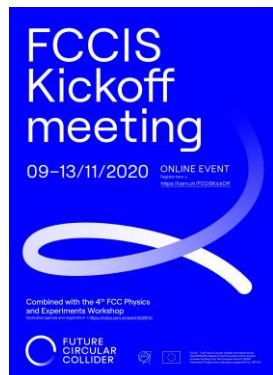
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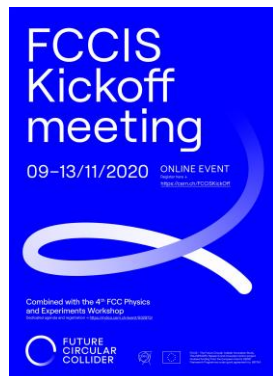
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4th FCC Physics & Experiments Workshop

organisers A. Blondel, M. Dam, P. Janot, M. Mangano

**Physics Prospects, Detector development, Collaboration Forming,
Physics Benchmarks, New Ideas and Challenges, Detector Technologies,
Experimental Environment, Machine-Detector Interface**

Kick-Off FCC Innovation Study

organisers M. Benedikt, J. Gutleber, F. Zimmermann

**FCC-ee Collider Design (WP2)
Integrate Europe (WP3)
Impact & Sustainability (WP4)
Leverage & Engage (WP5)**

FCC November Week Programme at a Glance

Version: 0.19 Date: 4 November 2020 Update by: J. Hadre																											
FCCNoW 2020 Programme																											
Day	Monday 9 November				Tuesday 10 November				Wednesday 11 November			Thursday 12 November			Friday 13 November												
Time	Plenary				Parallel 1/1' (PE&D Workshop)		Parallel 2	Parallel 3	Parallel 4	Parallel 1/1'/1'' (PE&D Workshop)		Parallel 2	Parallel 1/1'/1'' (PE&D Workshop)		Parallel 2	Parallel 3	(PE&D Workshop)	Time									
08:30-09:00	Jorgen D'Hondt: Welcome				Joint TH-EXP session (Welcome to the FCC physics program) P&E		FCC-ee Optics (WP2)		Placement optimisation (WP3)	Joint TH-EXP session		WP1 Management		FCC-ee detectors PID		FCC detectors: Vertex Detector	Mining the Future (WP3)	Accelerator code development (WP2)	Joint TH-EXP session		08:30-09:00						
09:00-09:30	G. Dissertori, A.I. Etiennevire: Host states address (FR) / Host states address (CH)						FCC-ee PE&D		FCC-ee collective effects (WP2)			Environmental Evaluation (WP3)	FCC-ee PE&D Physics performance, software, analysis, benchmarks P&E		Dissemination and stakeholder engagement (WP5)		Pheno: Higgs physics (part 1) P&E				Break	FCCnow Proceedings EPJ+ special issue (WP5)	Pheno EFTs and detector: international contributions P&E		09:00-09:30		
09:30-10:00	U. Bässler (President CERN Council): Update of the European Strategy for Particle Physics						Break		Break			Pheno Flavour and BSM part 1		Host State activities (WP3)		FCC-ee detectors Calorimeter		FCC detectors Tracker			Tools and Processes for massively collaborative writing of scientific documents (WP5)		EIC/FCC 1 (WP2)	Summary of the week P&E		09:30-10:00	
10:00-10:30	F. Gianotti (CERN DG): CERN vision and goals until next strategy update						Break		Break			Break		Break		Break		Break			Break		Break		10:00-10:30		
10:30-11:00	Break				Break		Break		Break		Break		Break		Break		Break		Break		10:30-11:00						
11:00-11:30	C. Grosjean (DESY): FCC-ee physics motivation				Break		Break		Break		Break		Break		Break		Break		Break		11:00-11:30						
11:30-12:00	M. Benedikt (CERN): FCCIS Project Overview				Break		Break		Break		Break		Break		Break		Break		Break		11:30-12:00						
plenary talks setting the stage				Break				Break				Break				Break				12:00-12:30							
12:30-13:30	Break				Break				Break				Break				Break				12:30-13:30						
13:30-14:00	I. Agapov (DESY): WP2 (FCC-ee Collider Design)				Joint FCC-ee		Accelerator and Experiments (WP2 and PE&D)	MATEX Workshop (WP3)	Socio-economic impact analysis (WP4)	FCC-ee detectors Calorimeters A		Joint FCC-ee MDI	Host State activities (WP3)		FCC-ee detectors		FCC detectors Tracker	Tools and Processes for massively collaborative writing of scientific documents (WP5)		EIC/FCC 1 (WP2)	Summary of the week P&E		13:30-14:00				
14:00-14:30	J. Gutleber (CERN): WP3 (Integrate Europe)				Break		Break		Break		Break		Break		Break		Break		Break		Break		14:00-14:30				
14:30-15:00	S. Vignetti (CSIL): WP4 (Impact & Sustainability)				Break		Break		Break		Break		Break		Break		Break		Break		Break		14:30-15:00				
15:00-15:30	FCCIS governance				Pheno QCD and EW P&E		Break		Break		Break		Break		Break		Break		Break		Break		15:00-15:30				
15:30-16:00	M. Benedikt (CERN): Governance and Management structures (GA/CA)				Break		Break		Break		Break		Break		Break		Break		Break		Break		15:30-16:00				
16:00-16:30	FCCIS Executive Board				Experiments and detector		FCC-ee beam diagnostics and beam tests (WP2)	MATEX Workshop (WP3)	Regional benefits work plan (WP4)	Pheno Flavour and BSM part 2		Joint FCC-ee MDI	Overleaf Training Group 1		Pheno: Higgs Physics Part 2		Break		Overleaf Training Group 2		EIC/FCC 2 (WP2)	Summary of the week P&E		16:00-16:30			
16:30-17:00	General Assembly				Break		Break		Break		Break		Break		Break		Break		Break		Break		16:30-17:00				
17:00-17:30	General Assembly				Break		Break		Break		Break		Break		Break		Break		Break		Break		17:00-17:30				
17:30-18:00	General Assembly				Round table discussion: "engaging exp and th communities" Round Table		Break		Break		Break		Break		Break		Break		Break		Break		17:30-18:00				

Executive Board

General Assembly



Panel Discussion

Tuesday, 10 November, at 17:15

scientific, technical and organizational aspects of the FCC

organized and moderated by

Beate Heinemann (DESY & U. Freiburg) and David Milstead (Stockholm U.)

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Panel members

Michael Benedikt (CERN)
Daniela Bortoletto (Oxford)
Themis Bowcock (Liverpool)
Günther Dissertori (ETH Zürich)
Caterina Doglioni (Lund)
Aida X El-Khadra (Illinois)
Christophe Grojean (DESY)
Matthew McCullough (CERN)
Sarah Williams (Cambridge)





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