

**Physics day 24/09/2019**

	9:30	10:00	REGISTRATION			
<b>WELLCOME &amp; OVERVIEW session</b>						
1)	10:00	10:10	Wellcome speech	To be determined		
2)	10:10	10:30	Status of the Hefei STC project	Hai-Ping Peng	USTC	
3)	10:30	10:50	Status of the BINP SCT project	I. Logashenko	BINP	
4)	10:50	11:10	Production of dark photons in particle collisions	Sergey Demidov	INR	
5)	11:10	11:30	Measurement of $\sigma(e+e- \rightarrow n\bar{n})$ near threshold	A. Bobrov	BINP	
11:30 11:50 Cofee break						
6)	11:30	11:50	Hyperon physics at SCT with polarized beams	Andrzej Kupsc	Upsala	remote
7)	11:50	12:10	CPV in hyperon and charmed baryon decays	Li Hai-Bo	IHEP	
12:30 14:30 LUNCH						
8)	14:30	15:00	Measurement of Michel parameters in tau decays at the Super Charm-Tau factory with polarized electron beam	D. Epifanov	BINP	
9)	15:00	15:30	CPV in tau decays with polarization	Emilie Passemar	Indiana	
10)	15:30	16:00	Search for CPV in $\tau \rightarrow K\pi\nu$ , effect of the polarized e-	D. Epifanov	BINP	
11)	16:00	16:20	MC for bremsstrahlung in decays	Sergii Antropov	INP, Krakov	
16:20 16:40 Cofee break						
<b>Detector software and simulation</b>						
12)	16:40	17:00	Physics backgrounds simulation	L. Shekhtman	BINP	
13)	17:00	17:20	Software for SCT detector: status	A. Suharev	BINP	
14)	17:20	17:40	Software for STC detector: status	XingTao Huang	Shandong Univ	
15)	17:40	18:00	Turnkey software for future collider experiments	Andre Sailier	CERN	

**DETECTOR day (25/09/2019)**

TRACKING						
1)	9:00	9:20	Inner tracker options for SCTF: status and perspectives.	A. Sokolov	BINP	
2)	9:25	9:45	Tracking and PID with MPGD-based Time Projection Chambers	Piotr Gasik	TUM	
3)	9:50	10:10	Drift chamber R&D progress in Novosibirsk	K. Todyshev	BINP	
PID system						
4)	10:15	10:35	STCF DIRC-like TOF detector R&D	Xin Li	USTC	
5)	10:40	11:00	DIRC option for PID system: simulation and beam test results	M. Schmidt	Giessen Univ.	
	11:00	11:30	Coffee break			
6)	11:30	11:50	FARICH PID system option: prototyping and simulation results.	S. Kononov	BINP	
7)	11:55	12:15	ARICH system operation and performance in Belle2 experiment	S. Nishida	KEK	remote
8)	12:20	12:40	STCF RICH detector design and R&D	Qian Liu	UCAS	
	12:45	14:00	LUNCH			
Calorimeter						
9)	14:00	14:20	R&D status of the calorimeter based on pure CsI : simulation and first beam test results.	S. Oreshkin	BINP	
10)	14:25	14:45	STCF ECAL detector design and R&D	Yunlong Zhang	USTC	
11)	14:50	15:10	The mu2e crystal calorimeter	Fabio Happacher	LNF	
Muon system and Magnet						
12)	15:15	15:35	Muon system for SCTF: Belle2 design adaptation status.	T. Uglov	LPI	
13)	15:40	16:00	Thin solenoid option proposal.	A. Bragin	BINP	
	16:05	16:35	Coffee break			
DAQ and readout electronics						
14)	16:35	16:55	MCP-PMTs as a reliable device for future high energy physics experiments (LAPPD)???	K. Nishimura	Hawaii Univ.	remote
15)	17:00	17:20	High-speed readout electronics with pico-second resolution for fast MCP-PMTs	Yonggang Wang	USTC	
16)	17:25	17:40	Readout electronics for PID systems based on Large Area Picosecond Photodetectors	V. Shebalin	Hawaii Univ.	
17)	17:45	18:05	Development of readout electronics for the STCF ECAL detector	Zhongtao Shen	USTC	
18)	18:10	18:30	High-speed readout systems	Soeren Lange	Giessen Univ.	

### ACCELERATOR day (26/09/2019)

1)	9:00	9:25	Status of accelerator conceptual design of super tau charm facility at China	Qing Luo	USTC
2)	9:30	9:55	Status of Novosibirsk SCTF	A.Bogomyagkov	BINP
3)	10:00	10:25	Luminosity and beam-beam effects for Novosibirsk SCTF	D.Shatilov	BINP
4)	10:30	10:55	Status of injection facility for Novosibirsk SCTF	A.Petrenko	BINP
	11:00	11:30	Coffee break		
5)	11:30	11:55	A novel injection system with no disturbance to storage beam	Tao Liu	USTC
6)	12:00	12:25	Advantages of hybrid positron sources for e+e- colliders	Robert Chehab	LAL
7)	12:30	12:55	Beam feedback and IP feedback for STCF	Zeran Zhou	USTC
	13:00	14:00	LUNCH		
8)	14:00	14:25	Longitudinal polarization	I.Koop	BINP
9)	14:30	14:55	Compton backscattering for energy calibration	N.Muchnoi	BINP
10)	15:00	15:25	Machine-detector interface	S.Sinyatkin	BINP
11)	15:30	15:55	Superconducting magnets of the final focus	I.Okunev	BINP
	16:00	16:30	Coffee break		
12)	16:30	16:55	Study on secondary electron emission characteristics of laser etched material surface	Yigang Wang	USTC
13)	17:00	17:25	Deposition and characterization of low activation temperature TiZrHfV films by DC magnetron sputtering	Xiaoqin Ge	USTC
14)	17:30	17:55	Compact low cost low energy intersecting rings for high current e+e- study and other experiments	A.Bogomyagkov	BINP

### CREMLINplus WP5 meeting (27/09/2019)

1)	10:00	10:15	WP5 overview	V.Vorobyev	
2)	10:15	10:25	Task 5.1 (outreach): overview and plans	V.Vorobyev	
3)	10:25	10:35	Task 5.2 (collider tech.): overview and plans	To be determined	
4)	10:35	10:45	Task 5.3 (detector software): overview and plans	Andre Sailer	
5)	10:45	10:55	Task 5.4 (R&D for inner tracker): overview and plans	Giovanni Bencivenni	
6)	10:55	11:05	Task 5.5 (R&D for main tracker): overview and plans	Franco Grancagnolo	
7)	11:05	11:15	Task 5.6 (R&D for PID): overview and plans	A. Barnyakov	
	11:15	12:00	Open discussion		
	13:00	14:00	LUNCH		