



# Summary

# Beam time planning for 2018 fiscal year

- Assuming the same expenses (electricity + maintenance) as in the 2017, a total of 18 weeks ATF2 operation has been requested
- The ATF2 budget will be fixed in April 2018, in the framework of the R&D ILC budget
- A first draft schedule has to be fixed before summer 2018

# ATF FY2018 Schedule (proposal to KEK)

Beam

Event

Holiday

Additional Beam?

2018.2.9 N.Terunuma

April 2018						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

May 2018						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

June 2018						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

5/28-6/1 AWLC2018, Fukuoka

July 2018						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

August 2018						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

8-10 Annual meeting of Japan Accelerator Society

September 2018						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

October 2018						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

November 2018						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

December 2018						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

January 2019						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February 2019						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

March 2019						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

21-23 March 2018

21th ATF2 Project Meeting

# Draft Schedule for April-May-June 2018

April 2018						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

IPBPM mover replacement

IPAC 4/30-5/4

mOTR checkout w/o beam

mOTR checkout with beam

IPBPM checkout with beam

May 2018						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

chDR installation

FJPPL 5/9-11

Low beta

AWLC 5/28-6/1

Upstream FONT 5/14-25

chDR commissioning

June 2018						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Intensity and WFS

chDR measurement

GM & FF

IF needed  
possibility of  
operation 6/4-  
6/8

# Draft Schedule for April-May-June 2018

April 2018						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

IPBPM mover replacement

IPAC 4/30-5/4

mOTR checkout w/o br

mOTR checkout

IPBPM che

May 2018						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

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FJPPL 5/9-11

beta

AWLC 5/28-6/1

Upstream FONT 5/14-25

chDR commissioning

June 2018						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
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Intensity and WFS

chDR measurement

GM & FF

IF needed  
possibility of  
operation 6/4-  
6/8

**GOAL 1 and GOAL 2**

# Issues

- mOTR system recovery -> crucial for Goal 1
- IPBPM resolution improvement -> Goal 2
- Status of understanding of the intensity dependence and identification of possible experiments during 2018 and scaling report for ILC

# Actions

- CERN support will stay at the same level for next year (2 weeks March 2019)
- 22th ATF2 Project meeting will be hosted in KEK 11/19-11-23 (eJADE finishing end 2018)
- In order to get the intensity report ready for the next European strategy a series of meetings will be organized early September, during LCWS in Arlington and during the next ATF2 project meeting and in Japan, Angeles and Terunuma will organize the doodle for these meetings
- Dedicated meeting for Goal1, Goal2 and intensity will be organized by Kubo-san in the weekly Friday meetings
- Continuous runs will be also suggested as the best way to improve Goal 1



**Thanks for your collaboration**