

# Analysis Boot Camp@NCU

Genki Nukazuka (RIKEN/RBRC)

# Introduction

sPHENIX commissioning is successfully ongoing. Once data is taken, we have to analyze them! Our analysis needs to be faster and more efficient as we get more and more data daily...

Boot camp is a great chance to enhance each other. We can

- share knowledge
- ask help/discuss immediately
- tell our own work to everybody
- know others work

Another opportunity in this boot camp is discussions/lectures on physics. For example

- lecture by invited physicists on physics at sPHENIX
- talk by Ph.D. students about their own theme for their Ph.D. thesis

The essential point of this boot camp is **making progress on your topic**. You have to have a topic in advance of the camp.

# Schedule

A camp for 2 weeks in October/November is under consideration.

	Monday	Tuesday	Wednesda	Thursday	Friday	Saturday	Sunday
Week-1	Oct/16	17	18	19	20	21	22
Week-2	23	24	25	26	27	28	29
Week-3	30	31	Nov/1	2	3	4	5
Week-4	6	7	8	9	10	11	12
Week-5	13	14	15	16	17	18	19

← for example

The program (in my mind) is

- Periodical activities
  - Analysis by yourself
  - Status report by students
    - 30 min, 3 slots every day
    - All students give a report every 3-4 days
  - Unscheduled report/discussion
    - 30 min, 2 slots/day
    - For those who cannot wait for the next periodical report
- Non-periodical activities
  - Introduction/tutorial talks
    - 30 min × 2
    - Some general information (INTT, server, data access, etc.)
  - Invited talks
    - 30min - 1 hour, several times?
  - Talks about the Ph.D. thesis theme
    - ( (20+10) min × 3 students) ( + Genki?)
  - Lecture on technics
    - 15 min × several persons?
    - for example: Genki (shell technique), Joseph (C++)

# Tentative Schedule of a day

H	9	10	11	12	13	14	15	16	17	18
	Report Student-A Work!		Short Discussion	Lunch	Report Student-B	Work!	Report Student-C	Coffee Work!		Short Discussion

## Short Report by a Student

The person shortly tells

- topics working on
- progress since the last report
- problems working on
- plan
- and discuss

It cannot be longer than 30 min to keep time for work.

Mild pressure pushes us forward!

All do it a few times.

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## Work!

This is the essential part.  
We just work on our own topics.

- Discussion welcomed
- Tutors should help students





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Anyone can tell their own status and rise topics.  
It can be a complementary time for students to tell their status.



# Tentative Schedule in my mind

The regular schedule of a day

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	Report Student-A	Work!			Short Discussion	Lunch		Report Student-B	Work!		Report Student-C	Coffee	Work!					Short Discussion		

Day 1

H	9	10	11	12	13	14	15	16	17	18
	Opening Itaru	Introduction Takashi	Work!	Short Discussion	Lunch	Report Student-A	Work!	Report Student-B	Work!	Short Discussion

Days with a invited/thesis theme/misc talk

H	9	10	11	12	13	14	15	16	17	18
	Report Student-A Work!		Short Discussion	Lunch	Talk	Work!	Report Student-C	Coffee Work!		Short Discussion

Additional activities (e.g. talks) should be one a day to keep time for work.

Assignment of them can be, for example

	Monday		Tuesday		Wednesday		Thursday		Friday	
Week	Day 1	Opening Intronduction	Day 2		Day 3	Invited talk	Day 4		Day 5	Invited talk
Week	Day 6	Ph.D. theme	Day 7	Invited talk	Day 8	Ph.D. theme	Day 9	Ph.D. theme	Day 10	