



Bfys Workshop

14 Juni – 16 Juni

NIKHEF



Erve Hulsbeek
Oldenzaal



General Information

- The workshop will take place in “buitenplaats Erbe Hulsbeek” see: the website for practical information: www.hulsbeek.nl
- We start Monday morning at 11h00 and stop Wednesday after lunch
- Single room reservations for all registered persons are made
 - The registration list is included in this file
- What are we going to do? The main agenda point are:
 - A short (10’) presentation by each person about (a highlight of) their work on Monday afternoon and Tuesday morning
 - A discussion session of 4 x 0.5 hours on 4 specific topics
 - An outing will be held on Tuesday afternoon (still to be defined – what??)
 - An evening lecture on Tuesday evening
 - A plenary discussion session on Wednesday morning
- A full agenda is included in this file
- See also the indico agenda:
<http://agenda.nikhef.nl/conferenceDisplay.py?confId=1062>

List of Participants

- | | | |
|-------------------------|------------------------|----------------------------|
| 1. Roel Aaij | 13. Marcel Merk | 25. Kristof de Bruin** |
| 2. Jan Amoraal | 14. Ivan Mous | 26. Frank Linde*** (guest) |
| 3. Thomas Bauer | 15. Serena Oggero | 27. Rob Kneijens |
| 4. Daan van Eijk | 16. Antonio Pellegrino | |
| 5. Chiara Farinelli | 17. Tristan du Pree | |
| 6. Robert Fleischer | 18. Gerhard Raven* | |
| 7. Veerle Heine | 19. Daniela Remenska | |
| 8. Wouter Hulsbergen | 20. Nicola Serra | |
| 9. Fabian Jansen | 21. Barbara Storaci | |
| 10. Patrick Koppenburg | 22. Niels Tuning | |
| 11. Alexandr Kozlinskiy | 23. Erwin Visser | |
| 12. Jeroen van Leerdam | 24. Leo Wiggers | |

* Gerhard: only Tuesday & Wednesday

** Kristof: only Monday & Tuesday

*** Frank: only Tuesday & Wednesday

The Agenda:

When	What	Comment	Who
Mon 11h00-12h00	Coffee		
Mon 12h00-13h00	Lunch		
Mon 13h00-13h15	Introduction		Marcel
Mon 13h15-15h15	Presentations Part 1	$2h00 = 8 \times 0.15$	
Mon 15h15-15h45	Tea		
Mon 15h45-18h00	Discussions groups	$2h15 = 4 \times 0.5 + 0.15$	Jeroen, Serena, Chiara, Roel
Mon 18h00-20h00	Dinner		
Mon 20h00-21h15	Presentations Part 2	$1h15 = 5 \times 0.15$	
Mon 21h00-23h00	Drinks	One or two	
Tue 9h00- 10h45	Presentations Part 3	$1h45 = 7 \times 0.15$	
Tue 10h45-11h15	Coffee		
Tue 11h15-12h45	Presentations Part 4	$1h30 = 6 \times 0.15$	
Tue 12h30-13h30	Lunch		
Tue 13h30-17h30	Outing	??	
Tue 17h30-20h00	BBQ	Extra dessert for Frank	
Tue 20h00-21h00	Evening Lecture	"How I became a particle physicist"	Frank Linde
Tue 21h00-23h00	Drinks	One or two more	
Wed 9h00-10h30	Discussion Reports	$2 \times (15' \text{ pres} + 30' \text{ disc})$	Jeroen & Serena
Wed 10h30-11h00	Coffee		
Wed 11h00-12h30	Discussion Reports	$2 \times (15' \text{ pres} + 30' \text{ disc})$	Chiara & Roel
Wed 12h30-12h35	Closing		Marcel

Presentations

Each person gives a 10' presentation of (a highlight of) his/her work followed by a 5' discussion.

Session 1	Session 2	Session 3	Session 4
Wouter	Patrick	Jeroen	Daniela
Veerle	Niels	Jan	Daan
Thomas	Nicola	Ivan	Chiara
Serena	Marcel	Fabian	Barbara
Robert	Tristan	Erwin	Alexandr
Roel		Antonio	Rob
Gerhard		Leo	
Kristof			

Discussions

- There will be 4 discussion tables, labelled as table “A”, “B”, “C” and “D”
- To each table a discussion topic and a chairperson is connected:
 - A= “Physics” and Jeroen van Leerdam
 - B= “Detector” and Serena Oggero
 - C= “Nikhef & CERN” and Chiara Farinelli
 - D= “Manpower” and Roel Aaij
- The chairpersons lead 4 times a discussion of 30’ around 3 predefined statement
- The statements will be formulated slightly provocative to invite discussion
- After each round of 30’ the chairpersons stay at their table, the other people move to another table
- After 4x30’ each person has discussed 4 different topics (except chairpersons)
- The chairpersons summarize the discussions and report them (“plenary”) on Wednesday in 15’ which is followed by a spontaneous plenary discussion

Discussion session scheme

16h00 – 16h30:

A: Jeroen	B: Serena	C: Chiara	D: Roel
Wouter	Patrick	Jan	Alexandr
Veerle	Niels	Ivan	Daniela
Thomas	Nicola	Faab	Daan
Robert	Marcel	Erwin	Barbara
Leo	Tristan	Antonio	Gerhard
Rob	Kristof		

16h30 – 17h00:

A: Jeroen	B: Serena	C: Chiara	D: Roel
Ivan	Wouter	Veerle	Thomas
Antonio	Robert	Leo	Jan
Alexandr	Faab	Patrick	Niels
Nicola	Daniela	Marcel	Tristan
Barbara	Gerhard	Daan	Erwin
Kristof			Rob

17h00 – 17h30:

A: Jeroen	B: Serena	C: Chiara	D: Roel
Niels	Ivan	Wouter	Veerle
Marcel	Thomas	Barbara	Robert
Jan	Antonio	Nicola	Patrick
Daan	Alexandr	Daniela	Leo
Tristan	Erwin	Gerhard	Faab
		Rob	Kristof

17h30 – 18h00:

A: Jeroen	B: Serena	C: Chiara	D: Roel
Patrick	Veerle	Thomas	Wouter
Erwin	Leo	Robert	Marcel
Faab	Jan	Tristan	Nicola
Daniela	Barbara	Alexandr	Ivan
Gerhard	Daan	Niels	Antonio
	Rob	Kristof	

Discussion A – Physics chair: Jeroen van Leerdam

Statements:

1. The Nikhef group should focus more on CP violation than on rare decays physics topics.
2. Doing a detailed analysis should be preferred over a “quick and dirty” analysis, even if it implies not having the first results in the collaboration.
 - Reconstruction work is equally important as end-analysis.
3. There is a solid physics case for the LHCb upgrade.

Discussion B – Detector chair: Serena Oggero

Statements:

1. In the Nikhef group the amount of detector work and of analysis work are well in balance
2. It is important to work on the preparation of an LHCb upgrade project, even if it takes part of the available time while there is current LHC data
3. For an upgrade it is equally important to improve resolutions as it is to raise the luminosity

Discussion C – Nikhef & CERN

chair: Chiara Farinelli

Statements:

1. In times of reduced funding it is preferable to reduce the “detaching” time at CERN instead of hiring less OIO’s
2. It is equally well possible to contribute to an analysis from Nikhef then at CERN
3. The main reason for being at CERN is that:
 - the LHCb software environment is supported, and latest standard software is available
 - it is important to attend the meetings
 - other...

Discussion D – Manpower chair: Roel Aaij

Statements:

1. The Nikhef group should use program funding to hire more postdocs and less graduate students
2. The Nikhef group has too many areas of activity in the collaboration and should reduce the number of activities
3. The Nikhef group should hire someone dedicated on (grid) computing
4. The group should invest more time in the education of bachelor and master students