**LHCb Bfys Workshop “Horizons”, June 1-3 2016, Erve Hulsbeek**

***Preparation of the scientific part of the bfys workshop.***

You are hereby asked to propose either a future measurement or a detector upgrade for the LHCb experiment. You will defend this proposal with **two short presentations** to the group:

1) a presentation for an expert committee: goal is to get the funding/manpower for your project,

2) a presentation for an outreach/journalist committee: goal is to create excitement/public support by a broad audience.

You will work out the proposals in teams of two or three people. The proposed teams are listed below. As a first preparation I ask you to send me by email **one sentence or a short paragraph** of text describing your proposal, **before May 1**.

The detailed agenda for the workshop will be made as soon as I have received all your emails.

I’m looking forward to another stimulating workshop.

***Background:***

Although we have already published an impressive list of results, LHCb is still a relatively young experiment with a long future to come. What would be your dream measurement that LHCb could/should make? Or what would be an ideal detector upgrade/software improvement beyond the currently planned upgrade?

The time allotted will depend on the detailed agenda of the workshop. What I expect is that:

* If you are 3 persons there are two presenters and one person for running your “session”dealing with discussions/questions.
* If you are 2 persons, I expect one person to do presentation 1) and one person to do presentation 2).

***Participants to the Workshop (24):***

Seniors (9): Tjeerd Ketel, Patrick Koppenburg, Marcel Merk, Gerco Onderwater, Antonio Pellegrino, Jeff Templon, Jeroen van Tilburg, Niels Tuning, Rob Walet

Postdocs (3): Flavio Archilli, Sean Benson, Greg Ciezarek

PhD Students (8): Lennaert Bel, Elena Dall’Occo, Laurent Dufour, Katya Govorkova, Mick Mulder, Vasilis Syropoulos, Maarten van Velsen, Jacco de Vries

Master Students(4): Rosa Kappert, Christos Roskas, Garbrand Wiersema, Jennifer Zonneveld

Invited Guest: Jeff Templon

***Proposal for Teams:***

1. Elena, Jacco, Jeroen
2. Gerco, Rosa, Garbrand
3. Lennaert, Niels
4. Christos, Rob, Tjeerd
5. Greg, Laurent
6. Antonio, Flavio, Jennifer
7. Katya, Sean, Vasilis
8. Marcel, Mick
9. Maarten, Patrick
10. Jeff Templon: invited speaker

Programma

Wednesday 1/6/2016

12h00 – 13h00 : Arrival

13h00 – 14h00 : Lunch

14h00 – 15h30 : meeting – group 1 + 2

15h30 – 16h00 : Tea break

16h00 – 17h30 : meeting – group 3 + 4

19h00 – 21h00 : dinner

21h00 – 23h00 : discussion+drinks

Thursday 2/6/2016

08h30 – 9h30 : Breakfast

09h30 – 11h00 : meeting – group 5 + 6

11h00 – 11h30 : coffee

11h30 – 13h00 : meeting – group 7 + 8

13h00 – 14h00 : lunch

14h00 – 18h00 : Outdoor activities

19h00 – 21h00 : BBQ

21h00 – 23h00 : Discussion+drinks

Friday 3/6/2016

08h30 – 9h30 : Breakfast

09h30 – 11h00 : meeting – groups 9 + 10

11h00 – 11h30 : coffee

11h30 – 13h00 : meeting - discussion

13h00 – 14h00 : lunch+departure