

# Welcome and Introduction to the workshop

E. Metral, W. Herr (CERN)  
for the organizing committees

**Beam-Beam Effects in Hadron Colliders**

18th - 22nd March 2013, CERN

Miniworkshop under the sponsorship of ICFA BD Panel




## Overview

- Welcome to CERN !
  - For all help:  
[Delphine Rivoiron \(Delphine.Rivoiron@cern.ch\)](mailto:Delphine.Rivoiron@cern.ch) and  
[Laurie Hemery \(Laurie.Hemery@cern.ch\)](mailto:Laurie.Hemery@cern.ch)  
  
or local co-organizers: R. Giachino, W. Herr, E. Metral,  
G. Papotti, T. Pieloni
  - Workshop scheduled Monday until Thursday 18:00
  - Summary session Friday morning
  - Any delegates who have not registered, please do so by  
the end of the morning (room 6-2-008)
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## Purpose of the workshop

- Review experimental and theoretical progress since last workshop
  - Summarize and document the findings and development
  - Discuss beam-beam effects in the light of future projects and recommend necessary studies and steps, set priorities. For example: studies on
    - HL-LHC
    - e-RHIC, LHeC
    - HE-LHC, VHE-LHC, TLEP, ...
  - Encourage and foster new collaborations !
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## Organization I

- No parallel sessions
  - All presentations in this room (6-2-024)
  - Timetable is found on INDICO page  
<http://indico.cern.ch/event/beam-beam-2013>
  - This is a workshop: feel encouraged to stimulate discussion and possibly presentations  
(additional talks may develop as a result of earlier talks and discussions)
  - All contributions should be uploaded to INDICO before the session  
(or given to the session conveners/secretaries)
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## Organization II

- Coffee breaks during the morning and afternoon sessions
  - Lunch can be taken at one of the CERN restaurants
  - Workshop dinner 21.3., (details in the information package)  
  
(Proposed menu is included, please let us know your choice of the main dish)
  - WLAN available, CERN registration required, please follow instructions
  - For all help: [Delphine Rivoiron](#) and [Laurie Hemery](#)
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# Visitor laptop registration

77777  
cern.ch/service-portal

Safety  
at CERN

74444  
cern.ch/emergencies

## CERN European Organization for Nuclear Research

### CERN Structure

PH IT BE TE  
EN HR FP GS  
DGU DGS

### CERN News

What's on Today  
CERN & HEP events  
Bulletin - Courier  
Computer Newsletter  
CERN market

### Practical Info

Directories -

Buildings and Roads -

Maps, Transport  
Access formalities  
Computing Helpdesk  
AIS EDH

Indico: events, room booking

Conference Rooms

Housing

Stores Catalog - Logistics

Name, Address and More...

### Services

CERN Service Portal -

CERN Service Desk: x77777

### Search in CERN

CERN Search -

Document Server (CDS) -

Technical Documents (EDMS)

Site Alphabetical Index

### Physics

[Experiments & Research](#)

[Library & Archives](#)

[Conferences &](#)

[HEP Community](#)

[ALICE](#) [ATLAS](#) [CMS](#)

[LHCb](#) [LHCf](#) [MoEDAL](#)

[TOTEM](#)

[Database of experiments](#)

[\(Grey Book\)](#)

[LPCC](#)

### Institute

[Organization](#)

[Administration](#)

[Jobs](#) [Newcomer's guide](#)

[Users' office](#) [Users' Committee \(ACCU\)](#)

[Training & Development](#)

[Coming to CERN,](#)

[Integration](#)

[Staff association](#)

[Social Life, Activities](#)

### Accelerators & Services

[Accelerators & technology sector](#)

[Accelerators, Machines](#)

[& Technical Facilities](#)

[CLIC Study](#)

[LHC status, "page 1"](#)

[High Luminosity LHC](#)

[LHC Injectors Upgrade](#)

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### Communications

[Media & Public Corner](#)

[Press Office](#)

[Public Welcome Page](#)

Relations with:

[States, labs and organizations](#)

[Industry](#)

[EU Projects](#)

[EIROforum](#)

The [new CERN website](#) is now in pre-release. We have moved the editorial content from this page and you can now find it on the new site.

- Updates, announcements and official communications for CERN people are in the [CERN people section](#)
- The new [directory](#) is the place to find links to other CERN websites, as well as search the phonebook, Indico, service portal and more.

During the pre-release phase the new site will run alongside the existing public/ and user/ websites. You can learn more about these changes [here](#). Feedback is welcome via [this form](#).

CERN account holders can post announcements to the new website. More information [here](#).

**[Please note that a number of important announcements for CERN people are available in the new site.](#)**

# Visitor laptop registration

European Organization for Nuclear Research

## Getting Started

How to set up your computing environment.

## Services

Self-service tools, resources and assistance.

## Computer Security

Computing Rules, advice, training and security services.

## Projects

[WLCG](#), [openlab](#), [EU projects](#) and more.

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## Help

Service Desk by phone, by e-mail and the online FAQ.

## What's On

Meetings, conferences, newsletters, colloquia, training and more.

## Health & Safety

Risks, recommendations and further information for the IT-specific environment.

## CERN Data Centre

Facts & figures, photos, access and visits.

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## quick tools

### EVERYDAY

- [Account Management](#)
- [Mac](#)
- [Linux](#)
- [Windows \(NICE\)](#)
- [Printing Services](#)

### CONFERENCING

- [Audio-conferencing](#)
- [Vidyo](#)
- [Room booking \(inDico\)](#)

### CONNECTIVITY

- [Visitor laptop registration](#)
- [Network portal](#)
- [Wireless](#)
- [e-mail](#)
- [Telephones](#)
- [Remote connection](#)

### MONITORING

- [IT Service Status Board](#)
  - [Service Level Status](#)
  - [Lemon](#)
  - [Network](#)
  - [LHCOPN](#)
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## Service Level Status

# Visitor laptop registration



IT Department

## Network Connection Request Form .

### Network Connection Request Forms - External Visitor's Computer Registration

Consult the "[Portable computers at CERN: Visitors](#)" page for more information

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This registration page applies for short term **external** visitors (i.e. people from external companies, etc.) willing to make use of the CERN campus network with their own computer during their visit.

This does not apply to "CERN users", neither CERN physicists having an account at CERN, nor to any member of the CERN personnel.

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- I am an external visitor and want to register **my** portable.
- I want to register a computer on behalf of someone else.



## Proceedings

- ICFA umbrella implies Open Access Publishing (JACOW style)
  - Contribution should be submitted and uploaded on indico
  - Deadline for submission is **April 18th, 2013**
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# Workshop Sessions

	Monday 18.3.	Tuesday 19.3.	Wednesday 20.3.	Thursday 21.3.	Friday 22.3.
From 8:00	Registration				
8:30 - 10:00	Welcome Introduction	Theory and simulations	Beam-beam compensation	Strong-strong effects	Summaries discussions
	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
10:30 - 12:30	Experience hadrons colliders	Theory and simulations	Beam-beam compensation	Strong-strong effects	Summaries discussions
	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14:00 - 16:00	Experience hadron/lepton colliders	Single particle effects	Operational aspects	Studies for future projects	
	COFFEE	COFFEE	COFFEE	COFFEE	
16:30 - 18:00	Experience lepton colliders	Single particle effects	Operational aspects	Studies for future projects	
19:00 -				<b>Dinner</b>	

## If you need help ...

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<b>Tatiana Pieloni</b>	<b>Tatiana.Pieloni@cern.ch</b>	<b>73608</b>	

### From outside:

**7xxxx** → +41 (0)22 767xxxx

**16xxxx** → +41 (0)76 487xxxx

## Before we start ...

- Thanks to the sponsors: HL-LHC, EPFL
- Please help the conveners by asking penetrating questions
- Seminar room 6-2-008 (next door) is available every evening 16:00 - 18:00

Enjoy the workshop ...

