

3<sup>rd</sup> EUROFEL DS3 Technical Meeting  
18<sup>th</sup> July 2006

## DS3 management issues

- 1<sup>st</sup> Annual Report approval
  - New task 3.4.3
  - DS3 Deliverables
    - AB report
  - II Interim Report
    - FP7 schedule

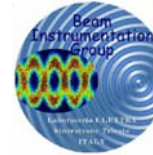


Mario Ferianis - Sincrotrone Trieste, Italy





3<sup>rd</sup> EUROFEL DS3 Technical Meeting  
18<sup>th</sup> July 2006  
1<sup>st</sup> Annual Report approval



Feldhaus, Josef, 17.29 10/07/2006, FW: EUROFEL 1st Annual Report

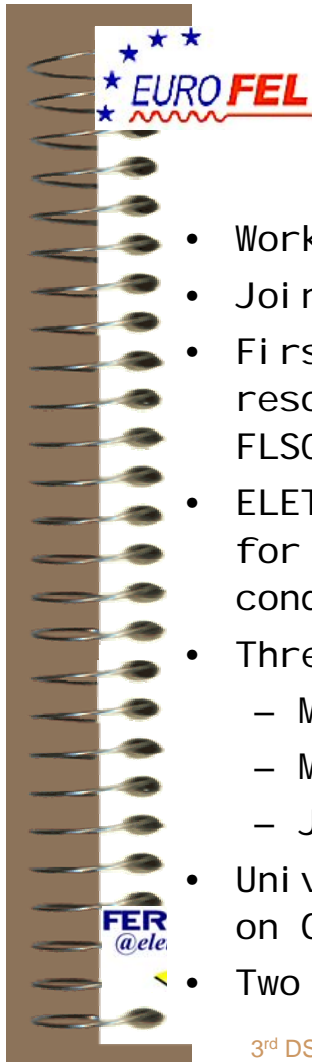
Subject: FW: EUROFEL 1st Annual Report

Dear colleagues,

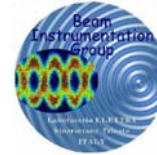
I just received this email from Brussels confirming that the first annual report has been accepted. Some details, however, still need to be clarified. We will do this as soon as possible and have already contacted the responsible persons.

With best regards,  
Josef Feldhaus

>-----Original Message-----  
>From: Christian.KURRER@cec.eu.int [<mailto:Christian.KURRER@cec.eu.int>]  
>Sent: Friday, July 07, 2006 12:50 PM  
>To: Feldhaus, Josef  
>Cc: Krell, Ute  
>Subject: RE: EUROFEL 1st Annual Report  
>  
>  
>Dear Mr. Feldhaus,  
>  
>I am pleased to confirm that the annual report has been  
>accepted by the Commission. There is just one point for which



## new task 3.4.3 Bunch Phase Monitor



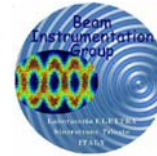
- Work started: allocated 2<sup>nd</sup> half 2006 and 2007
- Joint task DESY-ELETTRA
- First results already available: a preliminary 30fs resolution in bunch phase measurement shown at ICFA FLS06
- ELETTRA will take over improvements of the Front end for Mach Zehnder in tunnel electronics and photodiode conditioning electronics
- Three meetings held:
  - Mar 06
  - May 06
  - Jun 06
- Univ. of LJ (SL0) team has been contacted as experts on GB optical communications + m-wave
- Two graduates will share the effort on this job

## Deliverable situation

- D 3.6 from ENEA: OK
  - Design of optical delay line
- *D3.16 from ERLP due by 1<sup>st</sup> Q '06*
  - *ERLP Photocathode Laser Locking to the accelerator RF*
- D3.8 from DESY due by May '06
  - Multi channel RF electronics: prototype characterization
- *D3.13 from SPARC OK*
  - Design of the SPARC RF synchronization system...



## Advisory Board Report

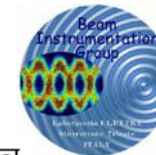


• Statements of the EUROFEL Advisory Board about progress of the tasks as presented during the *1<sup>st</sup> Annual EUROFEL Workshop* held at CEA, SOLEIL and CRNS at Orsay, November 7<sup>th</sup>-9<sup>th</sup>, 2005:

“**DS-3:** Synchronization and timing distribution with fs resolution is clearly **mandatory** for future FEL sources. Since it is a **very ambitious task** within an accelerator environment, **all work proposed** within the EUROFEL Design Study **needs to concentrate on this topic** and the Workpackage requires **excellent co-ordination amongst the various activities**, which should be visible in *closer collaborations of the labs*. ... to prevent fragmentation of the research plan ... dropping the less ambitious activities and **concentrating the efforts of all partners on the project targeting the sub 100 fs domain** is therefore strongly recommended”



# II Interim Report



Coordinator to European Commission	2 <sup>nd</sup> Interim EUROFEL Report send to EU	15-Sep-06
each Partner to Coordinator	Final feedback to Report	13-Sep-06
Coordinator to Delegates & Task Leaders	Last Version of the Interim Report	10-Sep-06
each Partner to Coordinator	Feedback to Report	05-Sep-06
Coordinator to Delegates & Task Leaders	First Version of the Interim Report including Financial Reporting	31-Aug-06
each Partner to Coordinator	electronic Version of Financial Reporting	16-Aug-06
Task Leaders to Coordinator	per Task: Progress Report & achieved deliverables, milestones, publications; changes in implementation plan, deliverables & milestones for the remaining months; highlights	14-Aug-06
Coordinator to Delegates & Administrative Responsible	2.Call for Financial Reporting	03-Aug-06
Coordinator to Delegates & Administrative Responsible	1.Call for Financial Reporting	17-Jun-06
Task Participant to Task Leader	Internal Task Enquiry	07-Jul-06
Task Leaders to task participants	2. Call for Internal Task Enquiry	30-Jun-06
Task Leaders to task participants	1. Call for Internal Task Enquiry	14-Jun-06



## II Interim Report: task enquiry



<b>Task No.:</b>	DS3
<b>Participant Name &amp; No.:</b>	
<b>Name of Reporting Person:</b>	
<b>Email Address of Reporting Person:</b>	
<b>Reporting Period:</b>	

<b>Total Research Effort (Person Months)<sup>1</sup>:</b>	
<b>EU-Requested Person Months<sup>1</sup>:</b>	
<b>Identify Durable Equipment Acquired<sup>1</sup>:</b>	

<sup>1</sup>referring to the reporting period

### Description of progress during the reporting period

(e.g. highlights, deviations from implementation plan, general observations, administrative and organisational issues)

--

### Achievements during the reporting period and their impact

(e.g. deliverables, milestones; please indicate also those which have been due but could not be fulfilled in time or have even started earlier than planned)

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**Milestone achieved during the reporting period**

Milestone N°	Name of Milestone	Subtask Name	Lead Participant	Achieved after activity n°. (of subtask)	Planned (project month)	Achieved (project month)
M.x.y						

**Deliverable achieved during the reporting period**

Deliverable N°	Name of Deliverable	Subtask Name	Lead Participant	Planned (project month)	Achieved (project month)

**Use and Dissemination of knowledge during the reporting period : none**

Place of Presentation <sup>1</sup>	Date	Type <sup>2</sup>	Title	Participant II°	Participants Name	Presented by	Type of Audience <sup>3</sup>	Related to Task II°

Name of Journal	Date	Type	Title	Participant II°	Participants Name	Presented by	Type of Audience	Related to Task II°

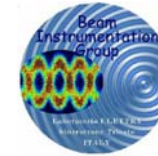
<sup>1</sup> e.g. name of conference and place

<sup>2</sup> e.g. article (submitted, accepted or published), TV, radio, lecture, exhibition, publication, projectweb site, poster, patent

<sup>3</sup> e.g. general public, higher education, research, industry



# FP7 budget, courtesy of U. Krell EU-Projektbüro/EUP



FP7 (Mill €)											
Themes	Health	Biotech, Food, Agriculture	Information Society	Nano, Materials, Production	Energy	Environment	Transport	Socio-economic Research	Space and Security		
<b>COOPERATION</b>	Collaborative Research	8.317	2.445	12.670	4.832	2.931	2.535	5.940	792	3.960	<b>44.432</b>
				9.220	3.467						
<b>IDEAS</b>	European Research Council									11.862	7.560
<b>PEOPLE</b>	Marie Curie Actions									7.129	4.777
<b>CAPACITIES</b>	Research Infrastructures	Research for, and by, SMEs	Regions of Knowledge	Research Potential	Science in Society	International Co-operation					7.486
	3.961	1.901	158	554	554	358					
<b>JRC (EC)</b>										1.817	
										<b>Total</b>	<b>72.726</b>

40%

69%



1.718

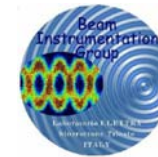
50.521





FP7 Research Infrastructure,  
courtesy of U. Krell  
EU-Projektbüro/EUP

1,7 Bill. €

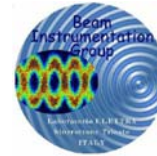


<i>Support to <b>existing</b> research infrastructures:</i>	Call	Deadline
<b>Integrating activities</b>	mid 2007	end 2007
<b>Research e-infrastructures</b>	Jan 2007	Apr 2007
<i>Support to <b>new</b> research infrastructures:</i>		
<b>Construction - Preparatory Work</b>	Jan 2007	Apr 2007
<b>Design studies</b> < 5 M€	Jan 2007	Apr 2007
<i>Support measures</i>		
<b>Policy development</b>	Jan 2007	Apr 2007
<b>Programme implementation</b>	Jan 2007	Apr 2007



Analogue in 2008





... and finally,  
let me advertise ...





8<sup>th</sup> European Workshop on  
Beam Diagnostics and Instrumentation  
for Particle Accelerator

# DI PAC 2007

20-23 May, 2007  
NH Laguna Palace  
Mestre (VE)

**YOU ARE ALL KINDLY INVITED!!!**

**Abstract Deadline:** March, 1<sup>st</sup> 2007  
**Early Registration:** March, 1<sup>st</sup> 2007

Program Committee	Local	Committee
<a href="mailto:mario.ferianis@elettra.trieste.it">mario.ferianis@elettra.trieste.it</a> (chair)	M.	Ferianis
<a href="mailto:cameron@bnl.gov">cameron@bnl.gov</a>		
<a href="mailto:kikutani@post.kek.jp">kikutani@post.kek.jp</a>		
<a href="mailto:Lumpkin@aps.anl.gov">Lumpkin@aps.anl.gov</a>		
<a href="mailto:a.peters@gsi.de">a.peters@gsi.de</a>		
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<a href="mailto:scheidt@esrf.fr">scheidt@esrf.fr</a>		
<a href="mailto:volker.schlott@psi.ch">volker.schlott@psi.ch</a>		
<a href="mailto:Hermann.Schmickler@cern.ch">Hermann.Schmickler@cern.ch</a>		
<a href="mailto:mario.serio@Inf.infn.it">mario.serio@Inf.infn.it</a>		
<a href="mailto:Uli.Raich@cern.ch">Uli.Raich@cern.ch</a>		
<a href="mailto:Kay.Wittenburg@desy.de">Kay.Wittenburg@desy.de</a>		



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