

CARE Coordinated Accelerator Research in Europe http://care.lal.in2p3.fr This meeting has once more demonstrated that the objective of CARE (i.e. carrying Accelerator Research by integrating the European resources in a collaborative mode as we are used to do for detectors) is a reality 22 institutes from 9 countries having signed the EU contract ...and many (580) associates

The European collaborative effort on Accelerator R&D partly funded by the EC

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Accelerator R&D											
CARE			Multipurpose (e,p,v)							2	
CARE			SRF						2		
CARE			PHIN								
CARE			HIPPI								
CARE			NED					•			
EUROTEV			DS: ILC+CLIC ?				?	Ctrateric			
EURISOL	DS: Neutrino β-beam										
DS vFact			Scoping ? DS					Fa	Major		
EUROLEAP		?e in plasma?									

Although the CARE Collaboration is rather young,

A lot remains to do...

...but it is fair to say that in this past 22 months that a lot has been done

the meeting has confirmed that, so far, no show stoppers identified and, in general, everything seems on track to achieved the objectives within the planned schedule

CARE general information

CARE papers

	Total	ELAN	BENE	ННН	SRF	PHIN	HIPPI	NED	Joint
Notes	57	32	5	2	9	2	7	0	
Pub	8				3	2	2		1
reports	32	4	4	4	4	4	4	6	2
conf	90	2	1	15	31	7	30	3	1

+ many internal documents

Many important workshops (co)organized by CARE

ex: the **SPIE Congress**



Awards

2 gold medals on EUREKA 2005 exhibition in Poland on SRF work

CARE Coordinated Accelerator Research in Europe

4 new associated institutes (2 new countries) are applying to join CARE

Center for the Advancement of Natural Discoveries using Light Emission, Yerevan , Armenia

Technion – Israel Institute of Technology, Tel-Aviv, Israel

Cracow University of Technology, (Institute of Applied Mechanics), Krakow, Poland

Stanford Linear Accelerator Center, Stanford, USA

All 4 will participate to ELAN activities

Looking forward

The year 2006 will be an important year

- > Some of the CARE activities will come to (or be close to) completion
- ➤ A Strategy Document will be prepared by the Strategy group and examine by the CERN Council (July 2006)
- ➤ ESFRI will produce a European roadmap for the Research Infrastructure (Autumn 2006)

FP7 will hopefully launch its first calls

therefore CARE should start/increase in 2006 the effort toward

preparing within BENE a strong DS proposal on Neutrino Factory

possibly prepare within HHH a DS on upgrades of the CERN complex

develop a continuing strong and challenging collaborative program leading to an outstanding proposal for

CARE II



Launching CARE in this past year was a pioneering and exciting experience, as we are setting new ground in the way of carrying accelerator R&D

Thanks to the enthusiasm, the cooperation and the hard work of all of you the work carried out in CARE is very impressive and promising for the future as was shown during this meeting

This meeting was a success scientifically...

...but also organizationally and technically

Many thanks to G. Guignard, M.-C. Guirao, C. Wyss and their CERN team



A full year of exciting R&D is in front of us and I am looking forward to hear all the results at

CAREO6

Thank you and see you soon