



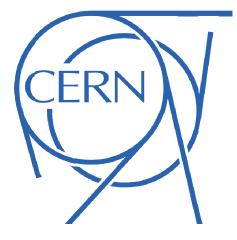
A warm welcome to

IAPP MeChanICs project meeting!!

On behalf of



&











Project meeting agenda



09:00 am Introduction and MeChanlCs overview K. Österberg

09:15 am News from CLIC H. Schmickler

09:30 am News on CLIC RF structure prod. & test. G. Riddone

09:50 am RF structure design (WP1 report) P. Piirainen

10:05 am Coffee

12:30 am

10:30 am Material test program (WP2 report)

J. Nurminen

10:45 am Modelling of disc machining (WP3 spec. rep.) J. Turunen

11:00 am Status of validation disc (WP3 report) T. Niinikoski

11:10 am Brazing (WP4 report)

J. Kallaperä

11:20 am Assembly of CLIC RF structures (WP5 report) F. Rossi



Lunch at Restaurant 2







Management Team



- Project Coordinator: Kenneth Österberg, HIP, kenneth.osterberg@helsinki.fi
- Administrative Manager: Jukka Väinölä, HIP, jukka.vainola@cern.ch
- Scientific Coordinator: Germana Riddone, CERN, germana.riddone@cern.ch
- Technical Consultant: Tapio Niinikoski, CERN, tapio.niinikoski@cern.ch



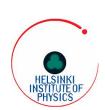




The 7 Partners



 Coordinator: Helsinki Institute of Physics (HIP), University of Helsinki (UH), Helsinki, Finland



• CERN European Organization for Nuclear Research



Tarkmet Oy, Vaasa, Finland



Mectalent Oy, Oulu, Finland mectalent[®]



• Loval Oy, Loviisa, Finland



• Lewel Group Finland Oy, Oulu, Finland Lewel



Metso Materials Technology, Tampere, Finland metso













- FP7/People/IAPP (Industry-Academia Partnerships and Pathways)
 project MeChanICs, "Marie Curie linking Industry to CERN"
- start September 1st 2010, 4 year project
- budget: ~ 1 M€
- to enhance knowledge exchange between Partners on precision manufacturing by two-way intersectoral **secondments** and dissemination workshops

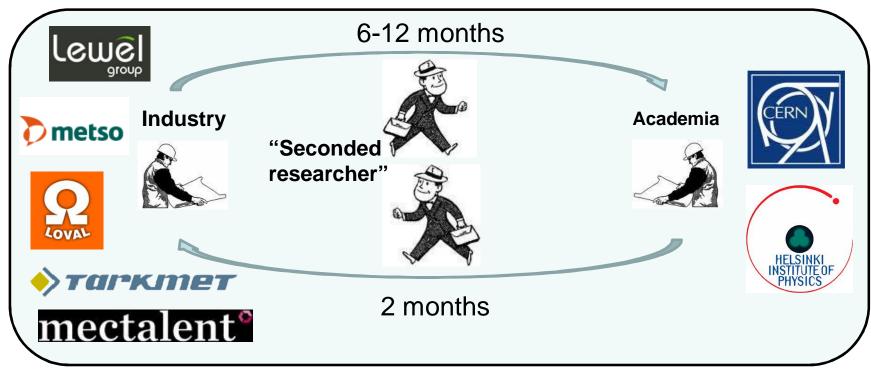








Enhance knowledge exchange by two-way intersectoral industry-academia researcher secondments (secondment period 2–12 months)





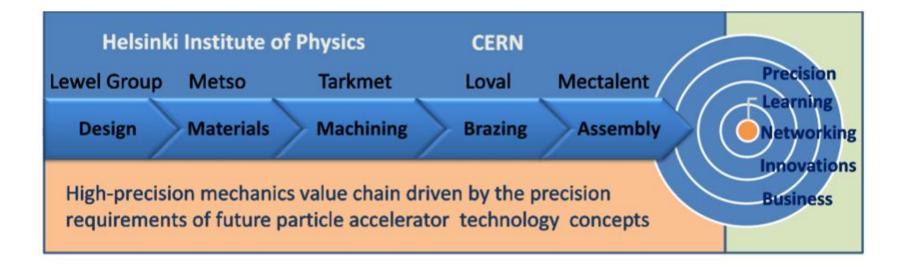








- objective: enable & enhance long term industry participation in CLIC, Compact Linear Collider, RF structure R&D
- participation in each step of RF structure manufacturing











Work Packages

WP no.	Work package title	Lead beneficiary	Start month	End month
WP 1	Design	Lewel Group	M2	M25
WP 2	Materials	Metso	M14	M21
WP 3	Machining	Tarkmet	M8	M22
WP 4	Brazing	Loval Oy	M25	M38
WP 5	Assembly	Mectalent	M34	M48
WP 6	Project coordination	UH	M1	M48



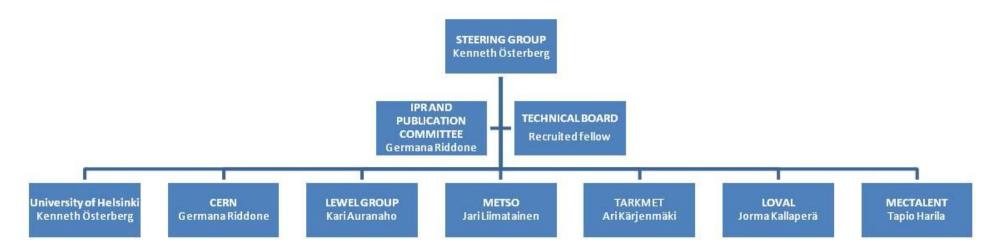




WP6: coordination



- Objective: effective project management & co-ordination, proper execution of exchange of people, effective & timely exploitation, transfer and dissemination of knowledge
- Lead beneficiary: University of Helsinki/Helsinki Institute of Physics, WP coordinator: Kenneth Österberg



+ all interactions with EC (REA) !!









WP6 news



- Kickoff meeting & 1st Steering group meeting Sep 2010 √
- Launched procedure to replace Veslatec by Tarkmet Oct 2010:
 Tarkmet validated Feb 2011, changed DoW (Annex I) approved
 May 2011, amendment request Jun 2011, EC approval Sep 2011 ?
- 1st secondment: Pauli Piirainen, Lewel → CERN Oct. 2010 ✓ mid-term report Apr 2011 ✓ end report Sep 2011
- 1st recruitment launched Nov 2010 → Fabrizio Rossi starting at CERN Apr 2011 ✓
- Project status report Feb 2011 & project meeting Mar 2011 ✓
- ◆ Dissemination: press release Sep 2010, article Mar 2011 ✓
- 2nd recruitment (Technical Coordinator) launched Mar 2011; to be re-launched Sep 2011 ?
- Project meeting & 2nd Steering group meeting Sep 2011
- 2nd secondment: Markus Aicheler, CERN → Metso Oct 2011









Dissemination



Article in International Innovation March 2011







