

CALICE

EUDET Mechanics Meetings

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LAL Orsay
3/3/09

- News from Korea
- SiW EUDET Demonstrator Status and Next Steps

Visit also:

<http://flc.web.lal.in2p3.fr/poeschl/siwecal.html>

News from Korea

Organisational Changes:

- R.P. New Chair of CALICE Technical Board

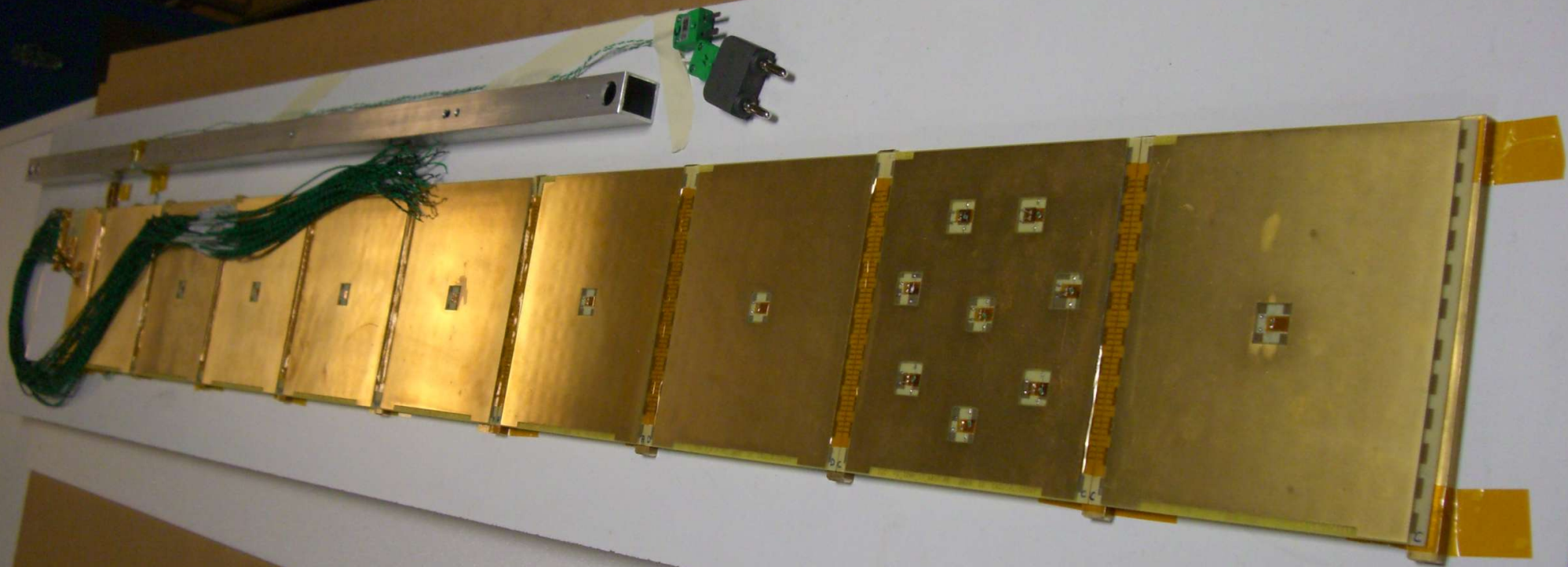
Will progressively take over from Jae Yu

- Sharing of Ecal Responsibilities

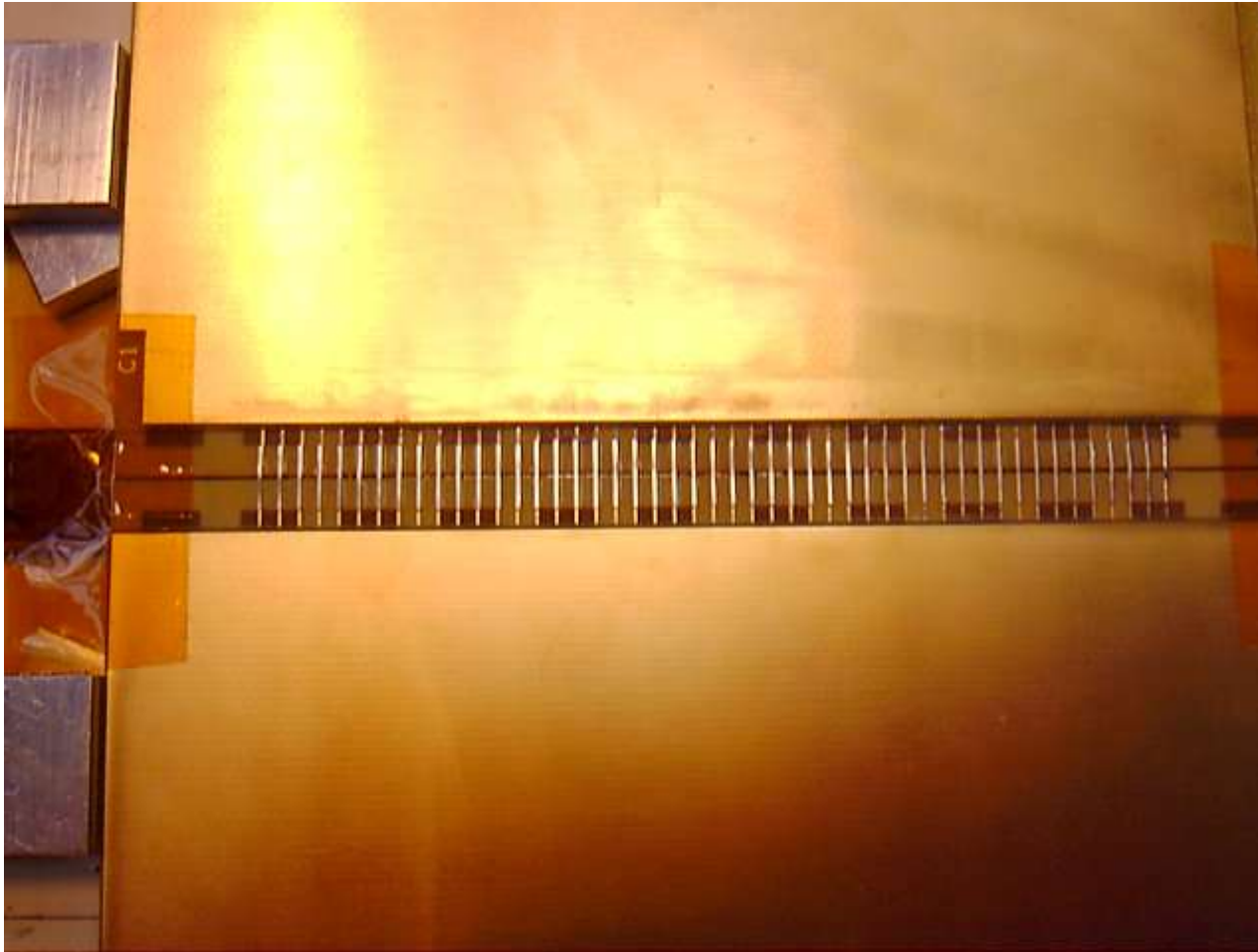
R.P. and Daniel Jeans (LLR) Engagement of Daniel will increase progressively with the aim that Daniel becomes the Ecal Coordinator towards the end of the year

Next Steps with Demonstrator – What, when who?

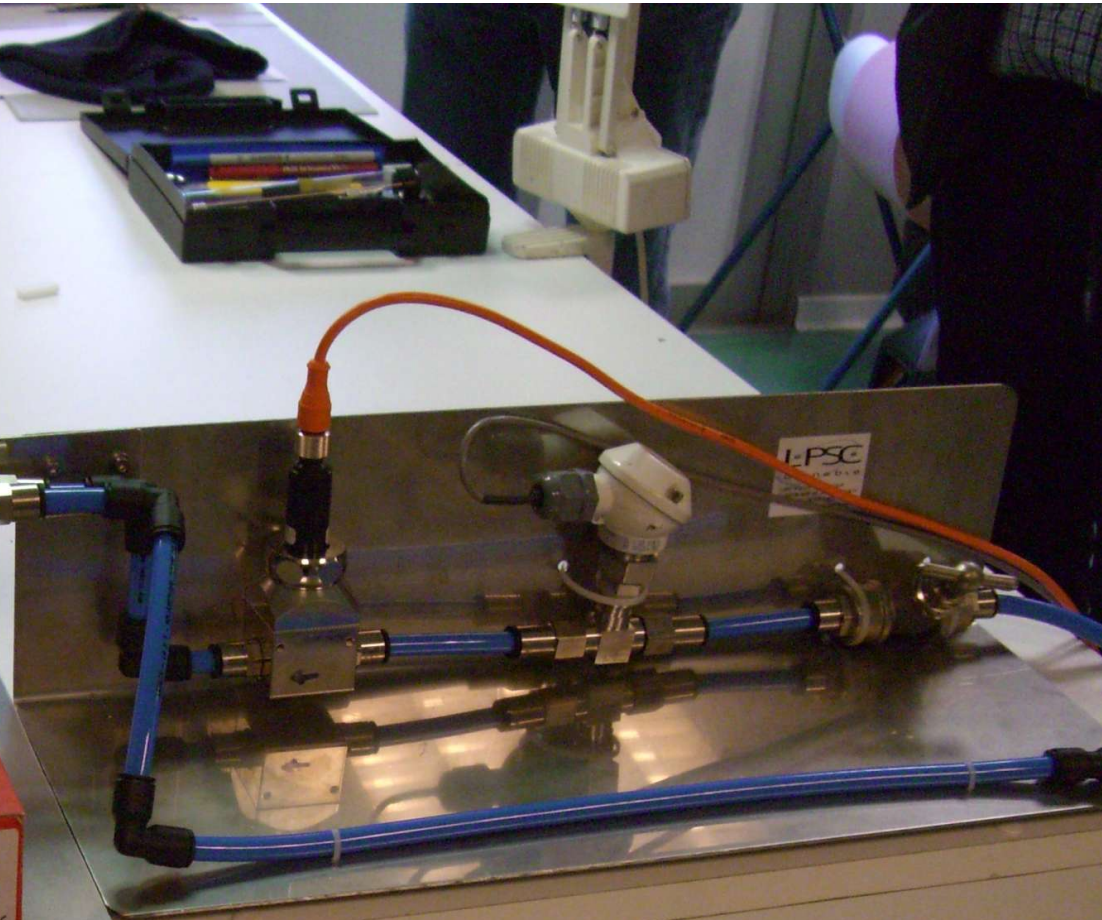
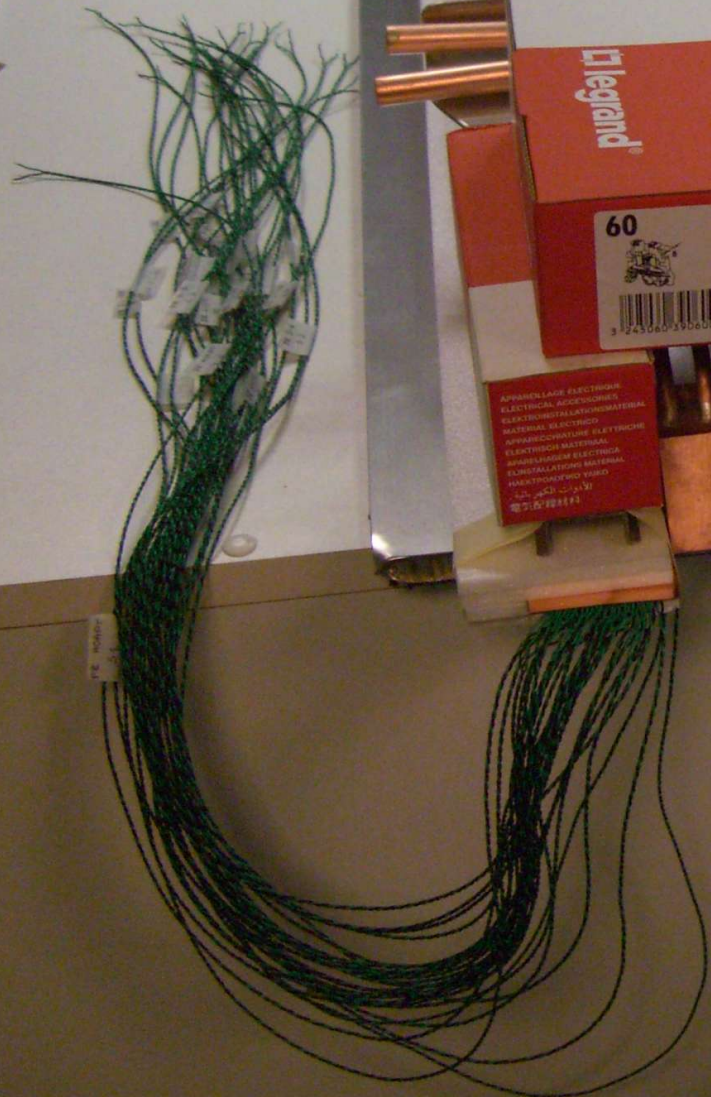
- Initial data taking about to be analysed (
 - Suffers from several shortcomings
 - Effects of cable and connection line resistivity only guessed
 - How well defined was the thermal contact (Points of contact beside thermal foam?)
 - Non optimal “housing” of the thermal slab.
 - Temperature along slab sensitive to “external activity” (Door/Window opening)
- 2nd thermal layer will be composed starting from next monday
 - Using new integration cradle
 - Resistance of cables and connection lines will be controlled
 - Layer will be placed on H
- (Propose) 2 series of tests
 - Thermal layer on H but outside of Alveolar Structure
 - Wrapping into “Electric Shielding Layer”
 - Thermal layer inside alveolar structure – Transport to LAL?
 - Note increasing the power range of the test would be difficult
 - Need to define exact schedule
- Finish tests with demonstrator by 3rd of April



The joint between two boards



- Joint by halogen lamp heating up tin-bismuth soldering paste (Method developed by U. Cambridge)
- Joint realized by P. Cornebise

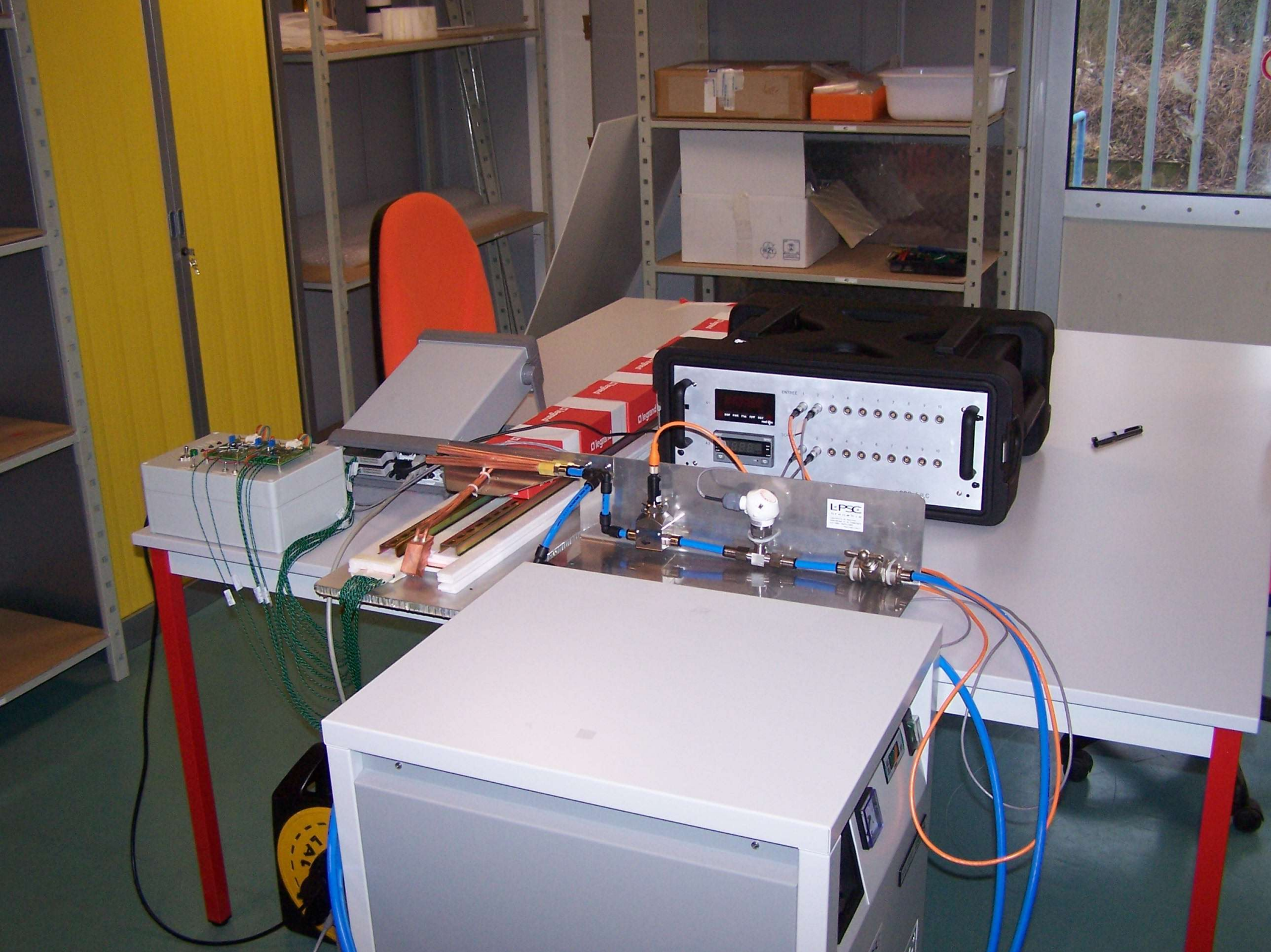


APPAREILAGE ELECTRIQUE
ELECTRICAL APPENDAGES
ELEKTROVÝSTRAHAPODARSTVA
MATERIALELEKTROINE
APPARECCHIAMENTO ELETTRICO
ELEKTRISCHES MATERIAL
BIMONTAJES ELEKTROINIA
ELEKTRIKALINIS BIRZINIA
HAKTPOPOBHO YPOBO
3 743 060 393 71
legrand®

60 390 60
• 25 mm² - 12 AWG
• 800 V - 6C 147 7-1
legrand®

25 393 71
• 25 mm² - 12 AWG
• 800 V - 6C 147 7-1
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After Demonstrator Tests – Towards EUDET Module

- Propose face to face meeting on 9th of April at LAL
 - Publication strategy for demonstrator results
 - Report to EUDET => NIM Paper
 - Starting Gun for 'real' EUDET Module
 - Towards small module needed for 30th June (Focus)
 - F Towards full size Prototype
- Demonstrator Fest – Some food and drinks during the day or a diner at Paris?