

Bath test 30/05/2016:
Results from signal
continuity test

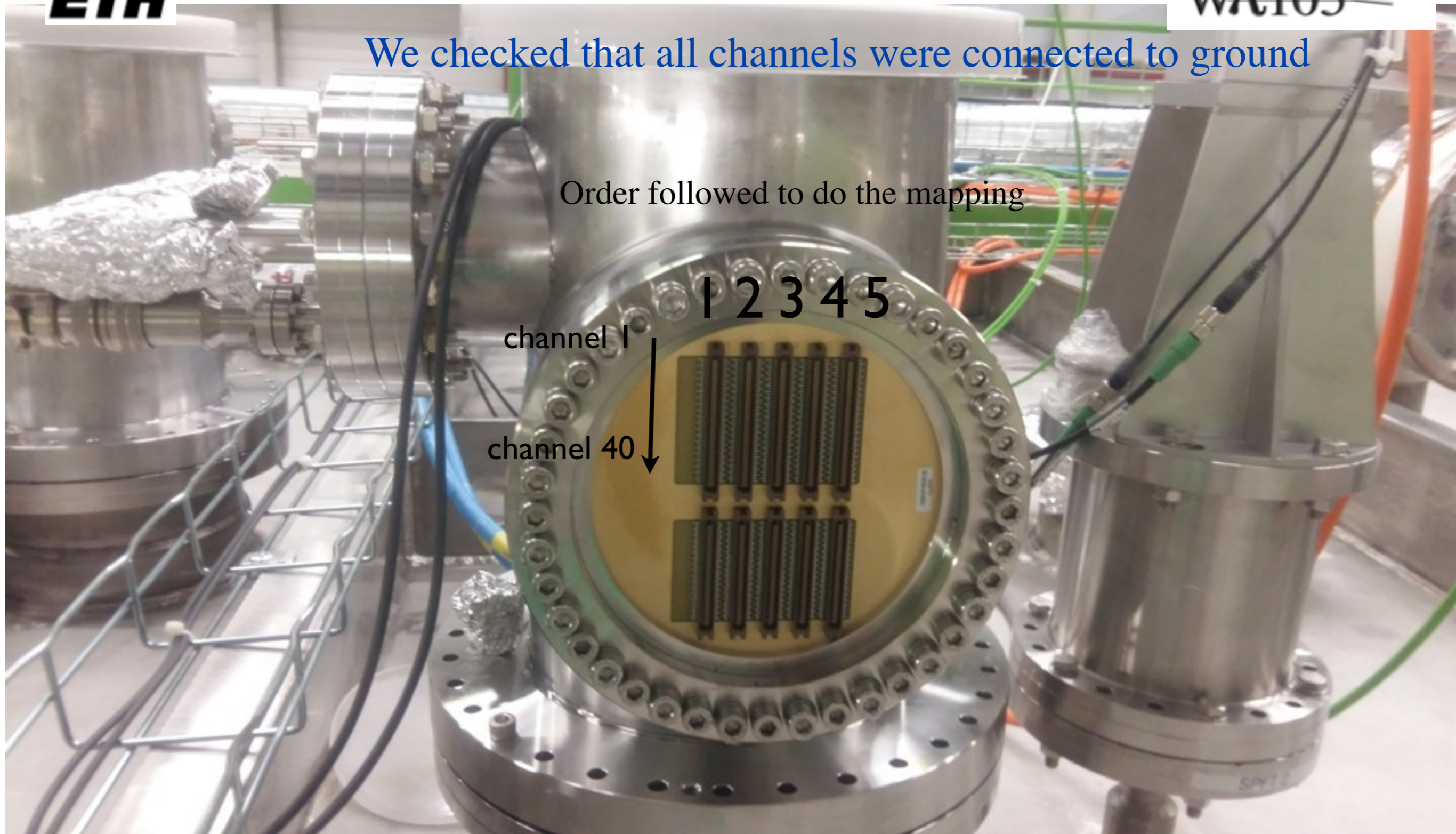
Cosimo Cantini
Laura Molina Bueno

3 chimneys inserted in the top-cap electrically tested



We checked that all channels were connected to ground

Order followed to do the mapping



Legends used during the slides:

Warm

Cold 13:10

Fully immersed 13:25h

Working

Not working

Connector 1

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Connector 2

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Connector 3

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Connector 4

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Connector 5

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Connector 2

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Connector 2

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Connector 4

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Connector 5

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Connector 3

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Connector 4

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Connector 5

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Connector 1

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Connector 2

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Connector 3

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Connector 4

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Connector 5

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We realize one connector of the CRP was not soldered. David soldered it in place because was not possible to remove it. After this we found only 3 dead channels: 2 signal and 1 ground channels.

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Connector 2

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25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34

Connector 3

1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
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15	15	15
16	16	16
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18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34

Connector 4

1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
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16	16	16
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26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34

Connector 5

1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
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14	14	14
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33	33	33
34	34	34

Conclusions

- The result of the bath test was successful. Same results obtained from the electrical test in cold.
- We will investigate the different dead channels to understand the problem of these channels.