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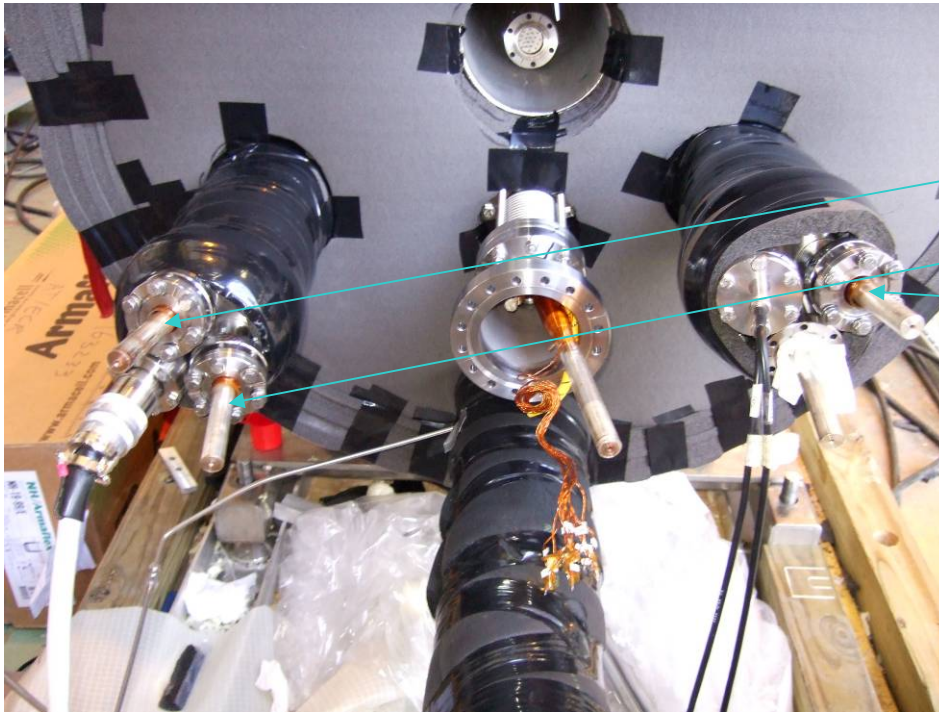
# Hipot test II

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M. Palm (CERN)

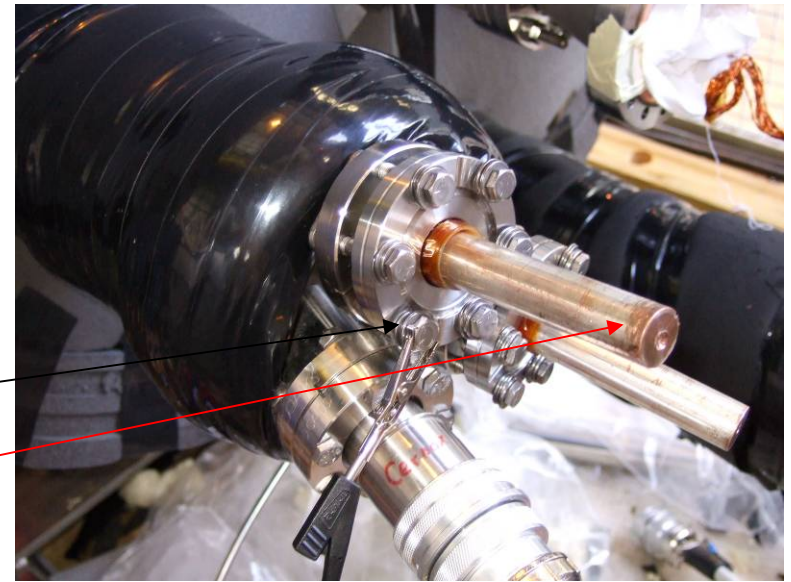
May 23, 2007

# Nomenclature



- Coil I
- Coil II
- Coil III

- Grounded
- +Voltage



# Results

Coil I			Coil II			Coil III		
U [V]	I [ $\mu$ A]	R [M $\Omega$ ]	U [V]	I [ $\mu$ A]	R [M $\Omega$ ]	U [V]	I [ $\mu$ A]	R [M $\Omega$ ]
10	3.8	<b>2.6</b>	10	3.9	<b>2.6</b>	10	Fluctuating	-
100	37	<b>2.7</b>	200	42(*)	<b>4.8</b>	100	0.02	<b>5000</b>

- Current measured when voltage applied, using a Keithley 2410 (Combined current meter+voltage source with pA resolution)
- Comments:
  - (\*) Current decaying slowly over several minutes. From ~2  $\mu$ A/minute to ~1.3  $\mu$ A/minute with one minute in between. Given current is measured after ~5 minutes.
  - Similar behavior on Coil I.
  - 3 orders of magnitude difference between Coil I/Coil II and Coil III.