

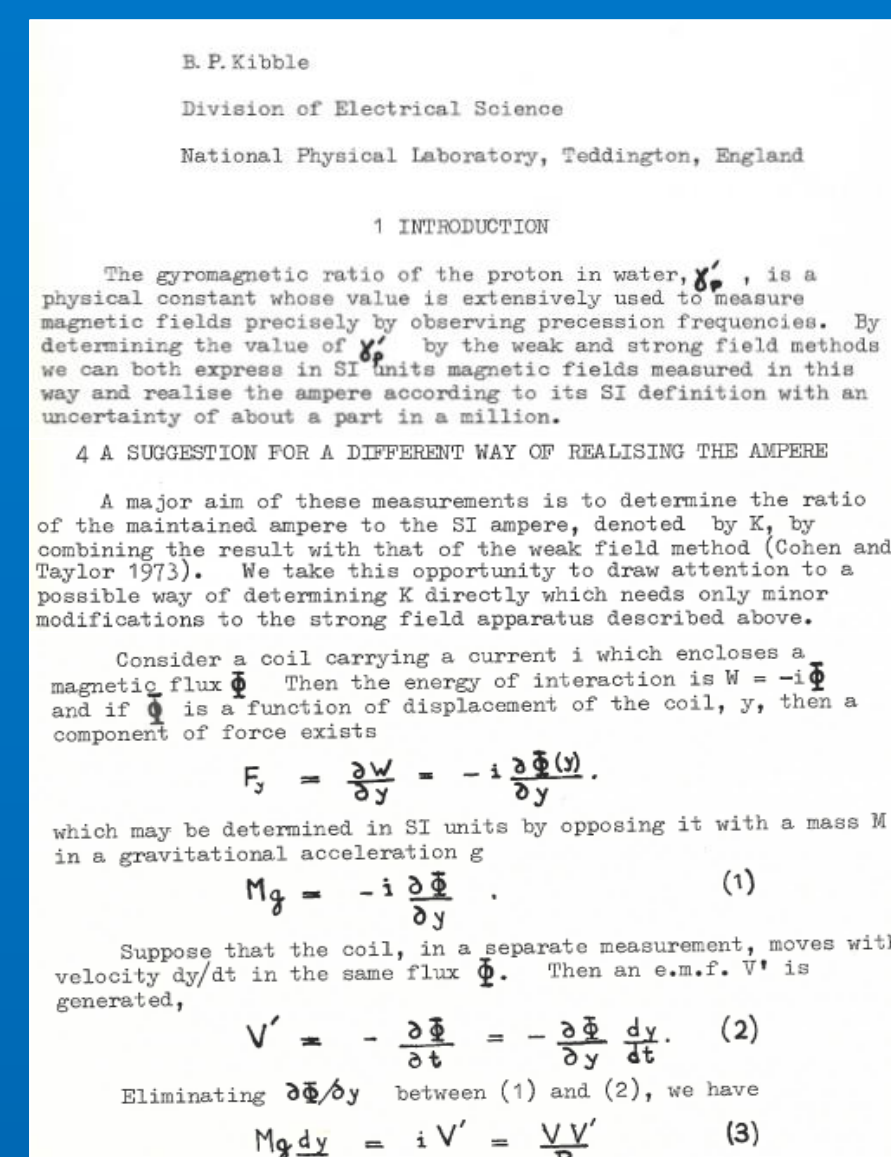
The Kibble Balance at NPL: History and Progress

I A Robinson, J Berry, C Jarvis, C Bull, A Vie, P Potgieter, K C Karunaseelan, T Fielder

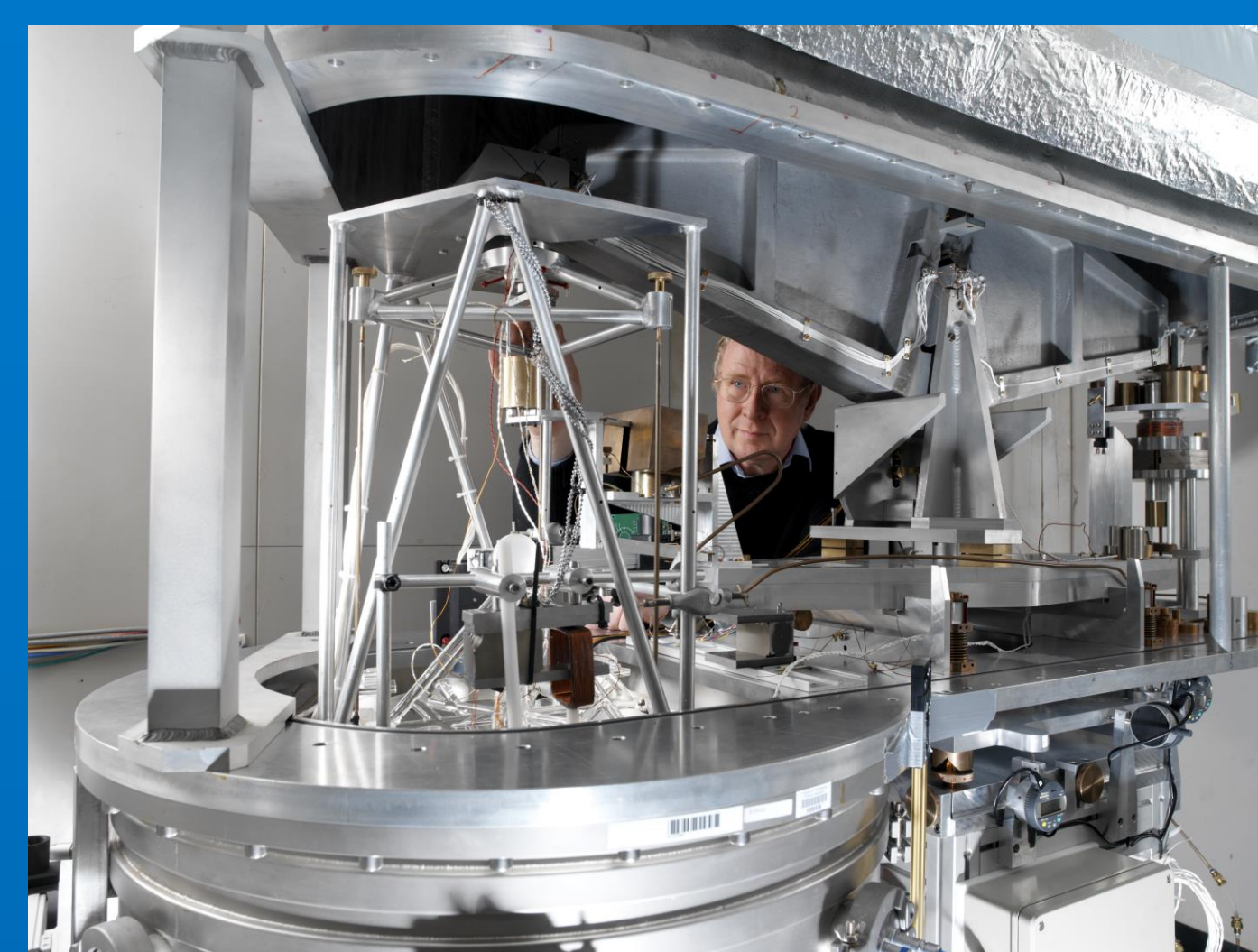
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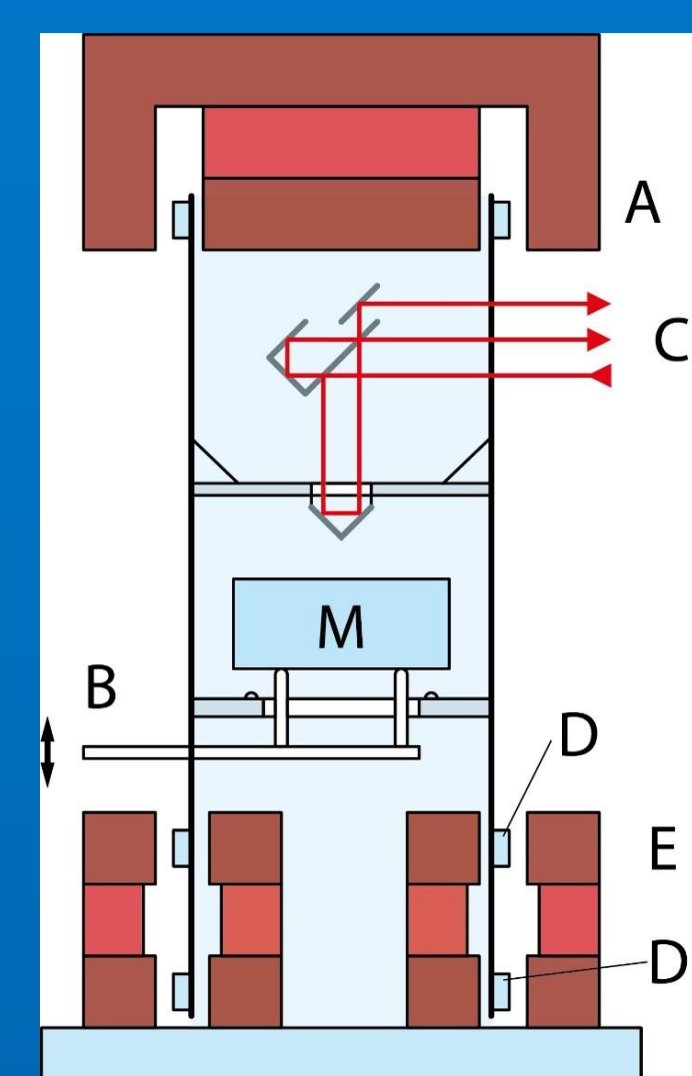
Bryan Kibble Publishes Original Kibble Balance Paper



Mk II Balance



Next Generation Balance Theory



Collaboration Partners from Sweden and South Africa



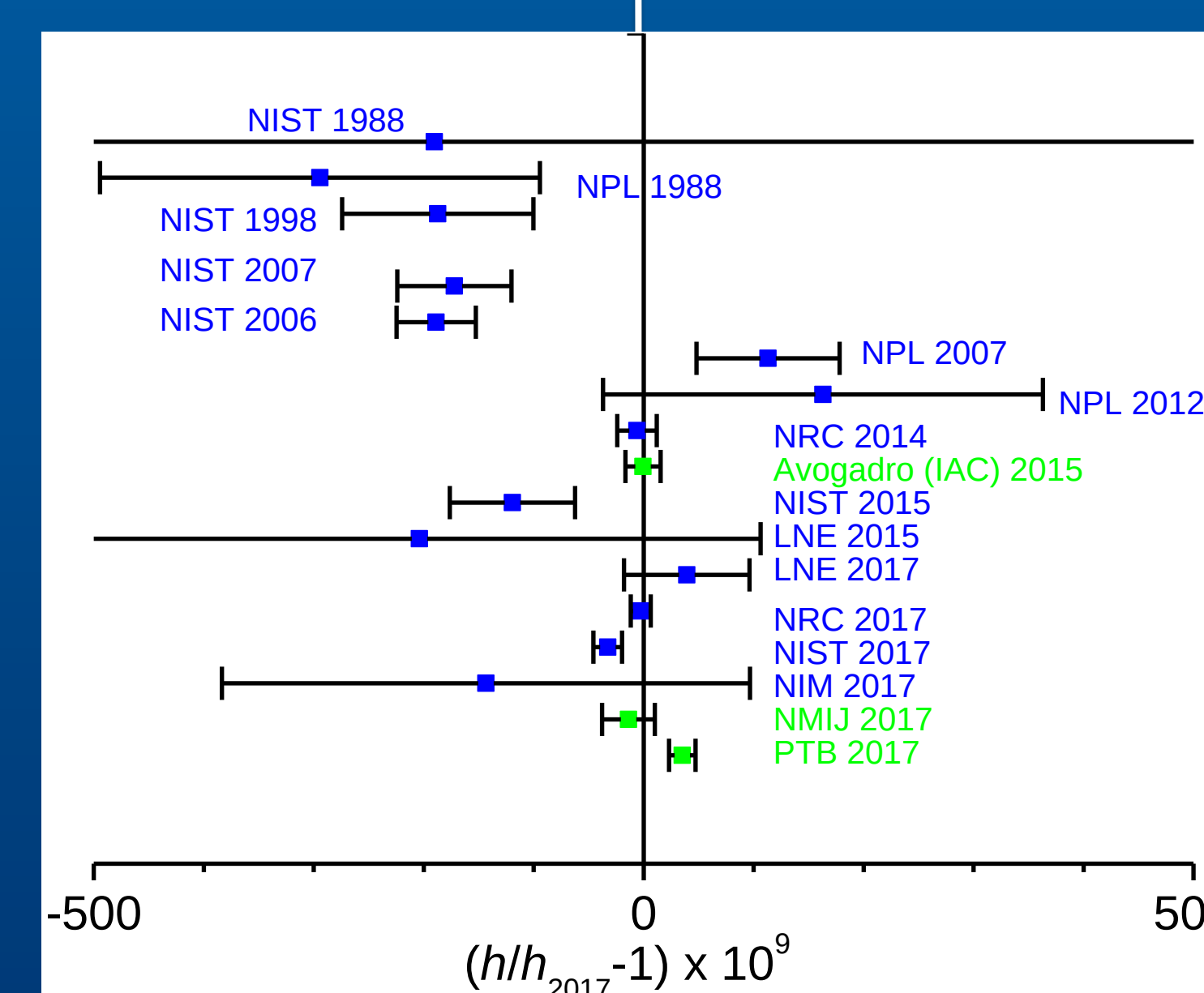
Prototype of Next Generation Kibble Balance



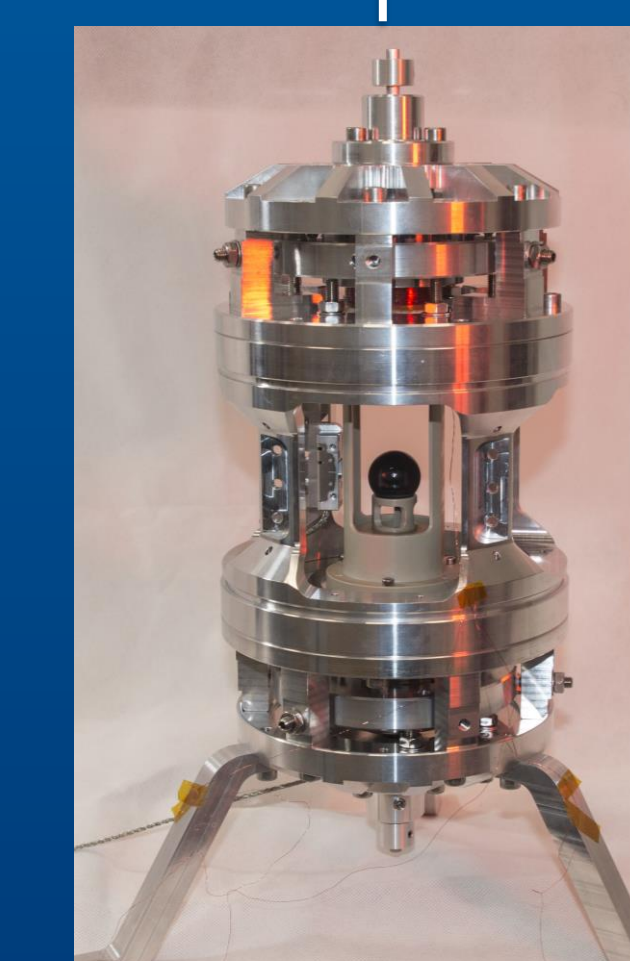
Mk I Balance



Transfer of Mk II
Balance to National
Research Council,
Canada



Comparison Measurements
to Enable Redefinition of the
Kilogram



Demonstration Balance
Shared with
Collaboration Partners



Next Generation
Kibble Balance

References:
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I.A.Robinson. *Metrologia*, 49(1):113, 2011.
B.P.Kibble, I.A.Robinson. *Metrologia*, 51(2):S132, 2014.
I.A.Robinson. *Metrologia*, 53(4):1054, 2016.