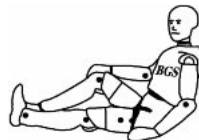
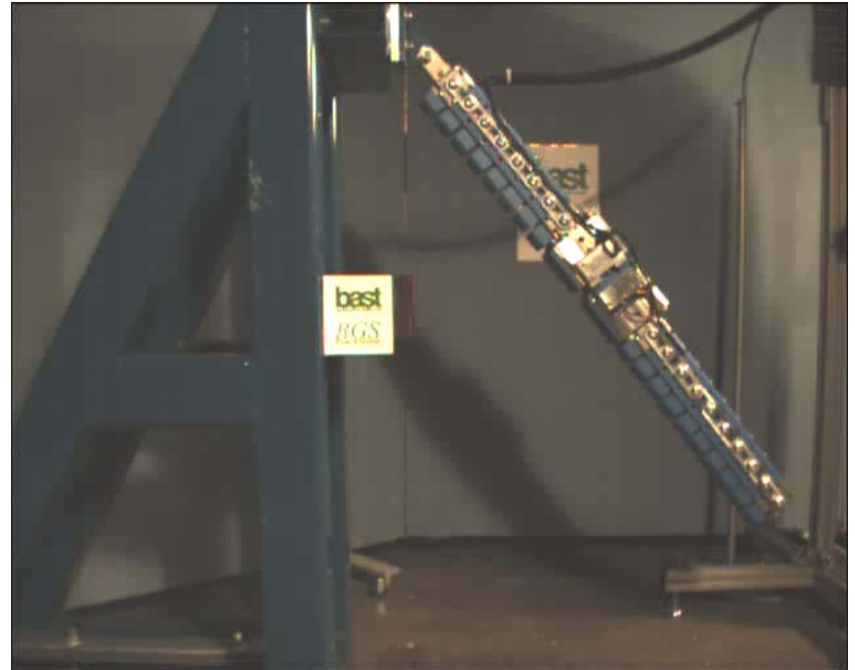


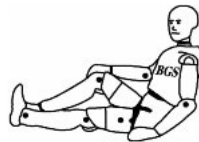
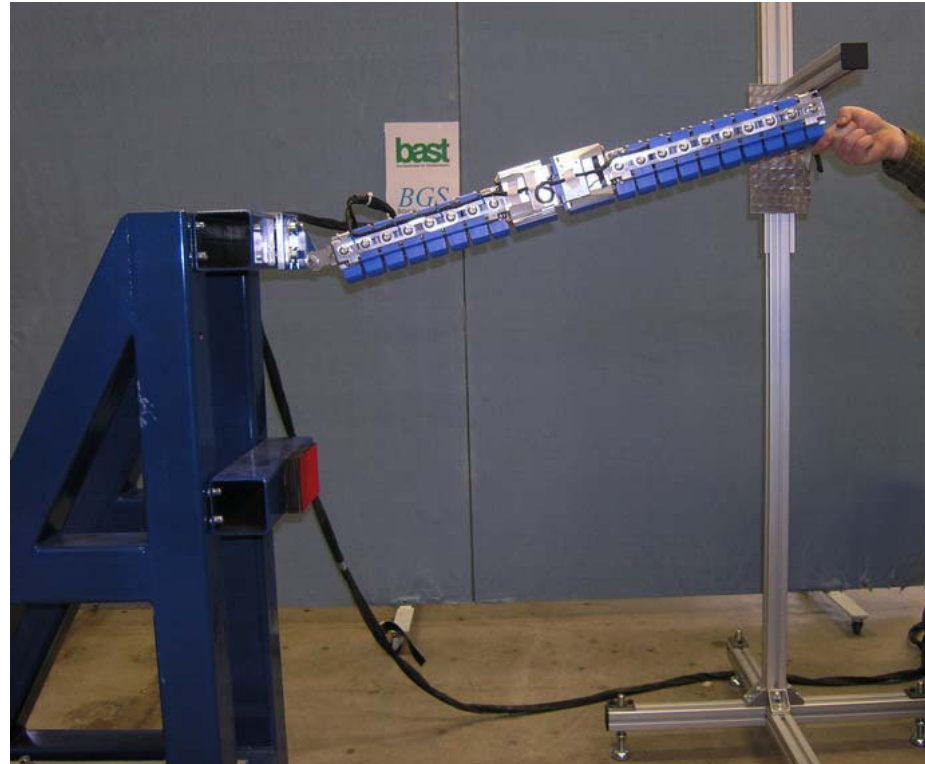
Flex GT α – Certification Histories

4th Flex TEG Meeting
April 2nd, 2007
BASt, Bergisch Gladbach

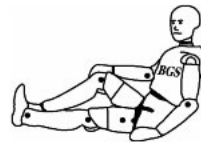
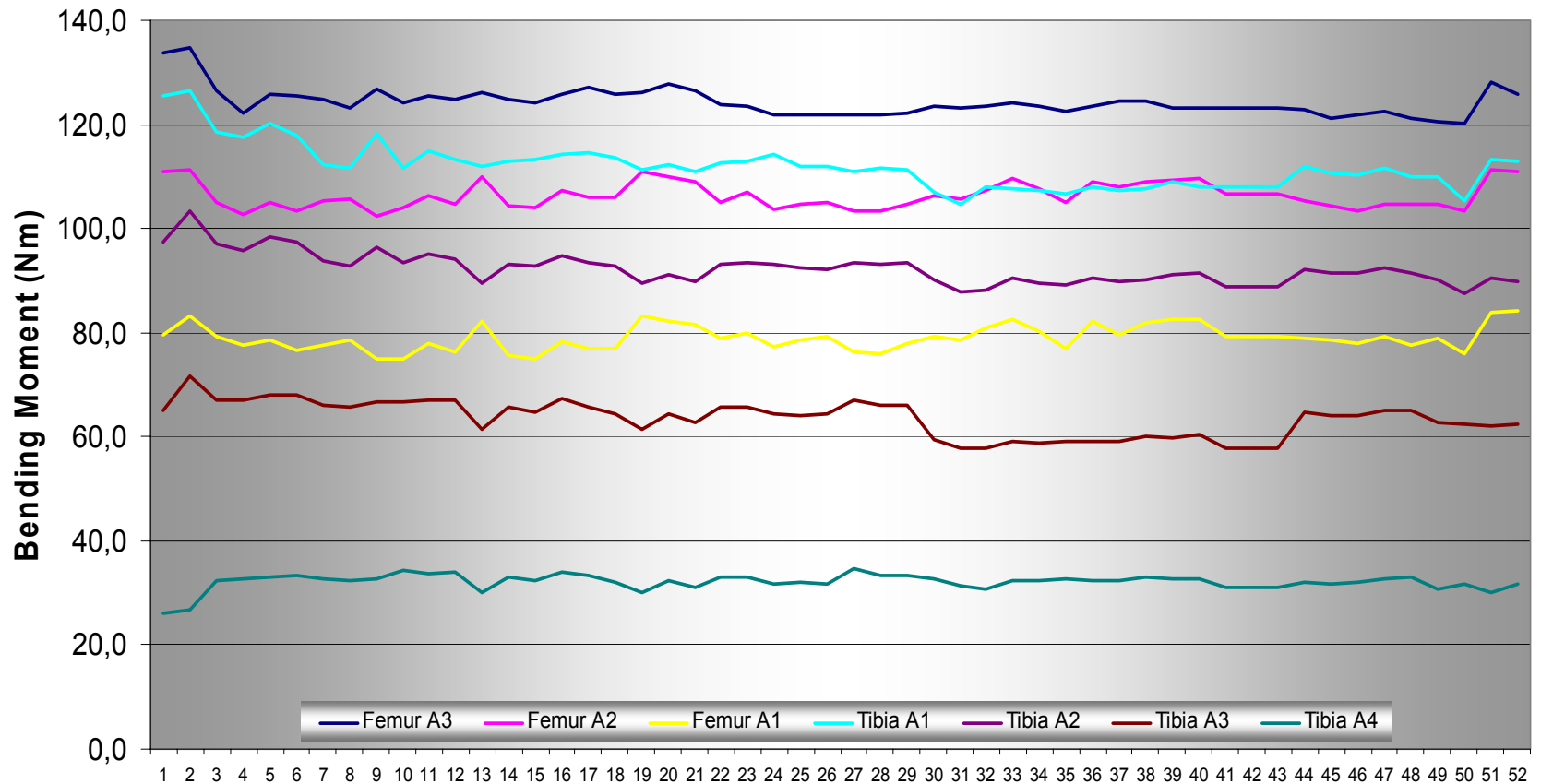
Dipl.-Ing. Dirk-Uwe Gehring
BGS Böhme & Gehring GmbH



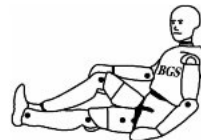
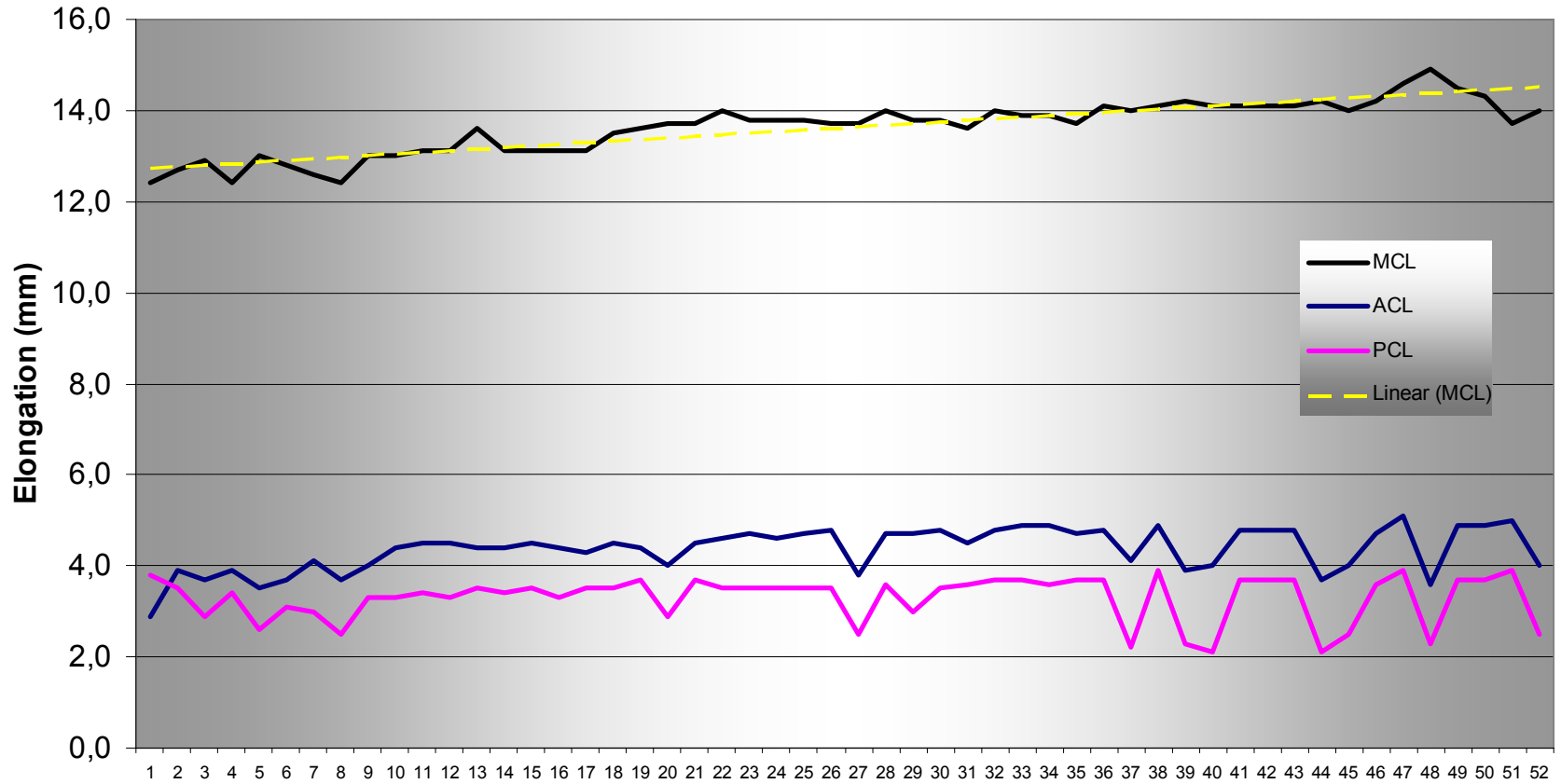
- Mount the legform impactor to the certification rig, zero the offsets, lift up the impactor to +15° and release



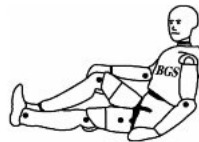
Bending Moments of 52 Certifications



Elongations of 52 Certifications



- 52 certification tests were performed during a test program with vehicle and test rig impacts
- The bending moments are comparatively constant
- ACL and PCL show also “constant” histories with a significant scatter
- MCL seems to increase with number of tests



Thank you for your attention

Dirk-Uwe Gehring

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www.boehme-gehring.de

