Poster Session



Burn-in & Test Strategies Workshop

www.bitsworkshop.org

March 5-8, 2017

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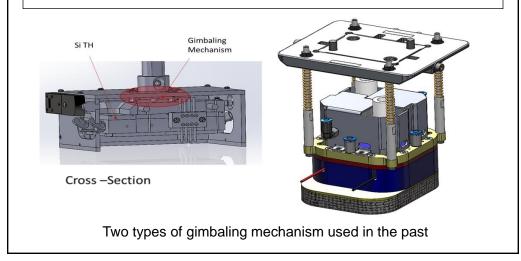


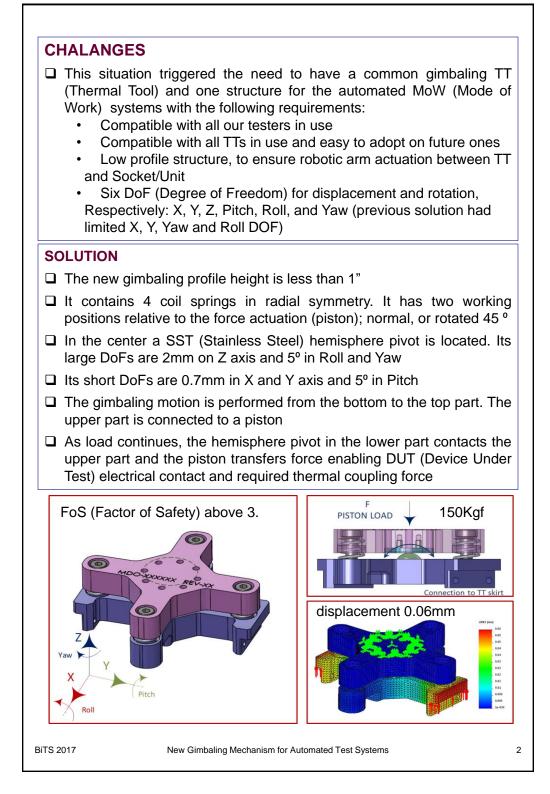
New Gimbaling Mechanism for Automated Test Systems

Nicky Strumtza; Intel Corporation

INTRODUCTION

- Automated thermal test systems in Intel use gimbaling mechanisms for correct TT (Thermal Tool) alignment allowing good thermal coupling with low thermal resistance and good electrical contact
- □ This is needed in order to run thermal controlled tests and get as accurate results as possible
- Some of these systems were designed by external designers/vendors at the request of Intel lab owners
- During this time, there was no standard design and each division or development team used their own version
- □ The problem with externally developed gimbaling systems is that they are unique and only compatible with the system they were designed for
- Intel was dependent on the designers/vendors and was forced to continue using the proprietary systems which prevented consolidation of the systems into one solution
- □ Simultaneously an old version gimbaling mechanism was developed in-house and was used in one handler.





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