

Calibration for Metal Plasticity and Failure

12/11/19

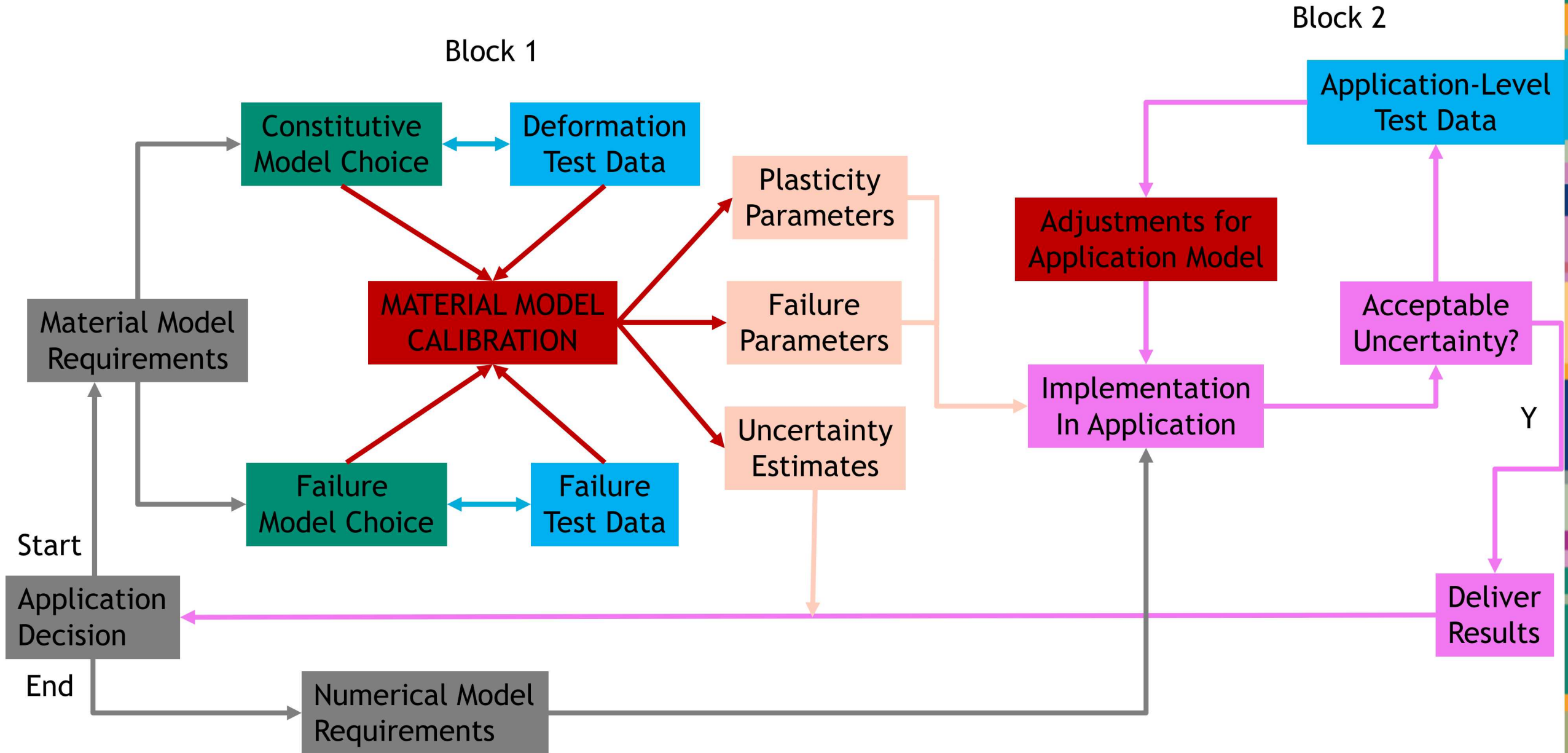
PRESENTED BY

Edmundo Corona

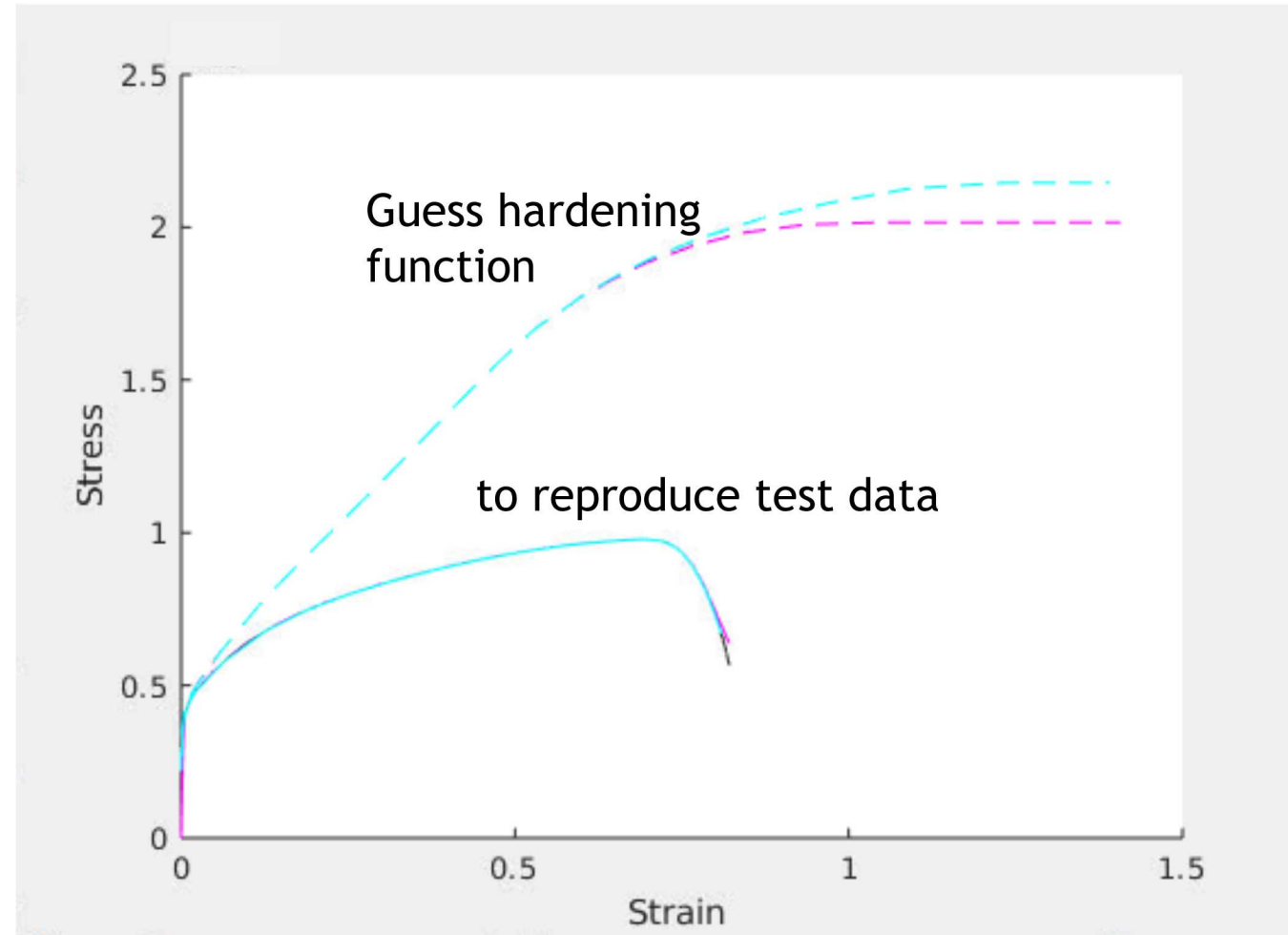
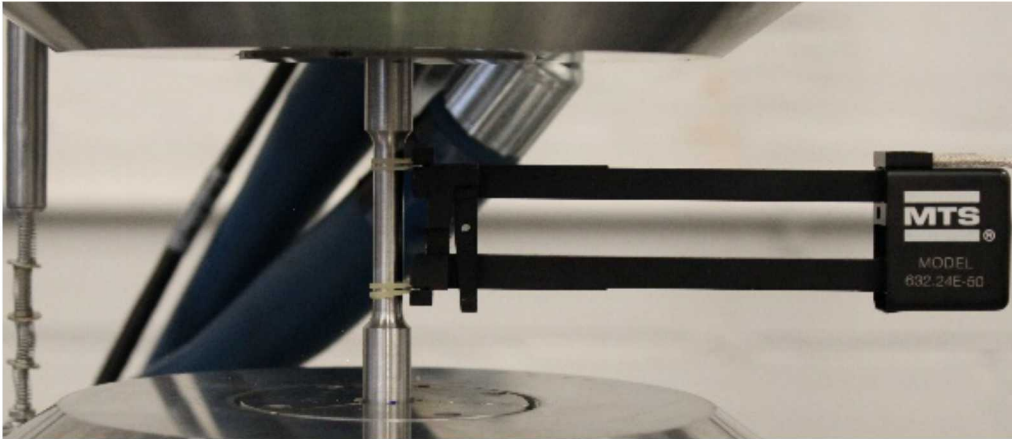


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Nonlinear Material Model Calibration Flow

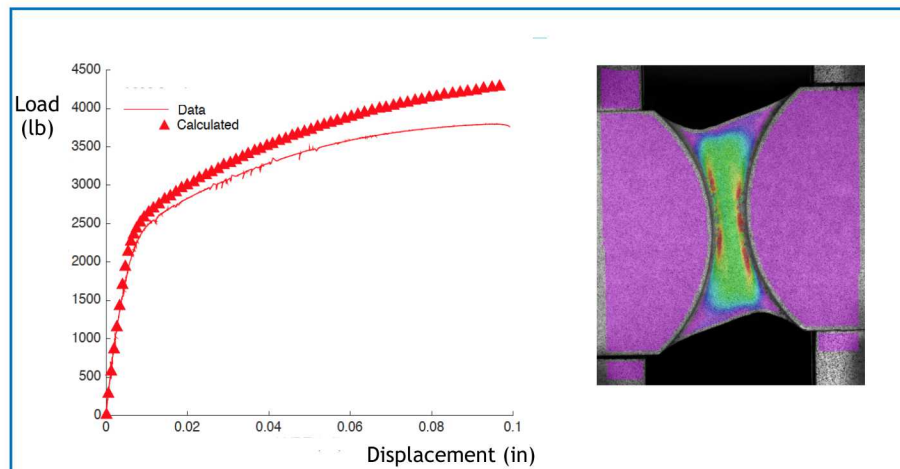
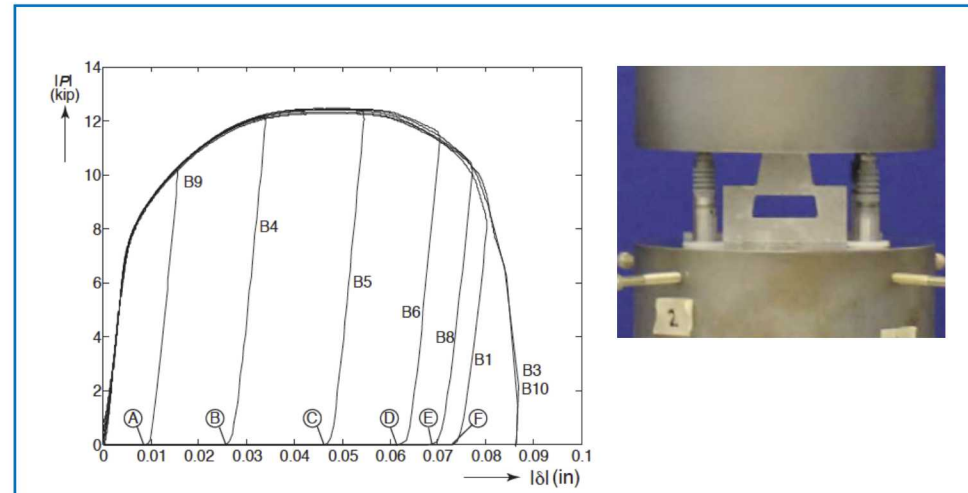
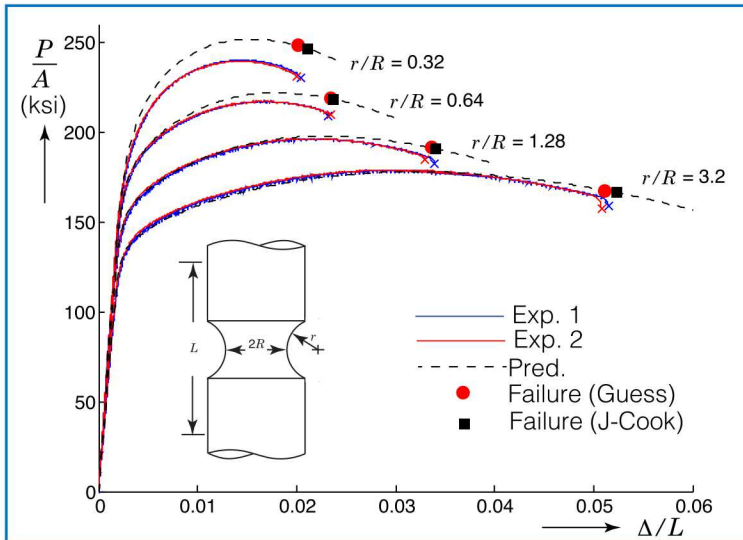


Example of hardening function calibration





Examples of ductile failure tests



- Extract global displacement at failure
- Observe location of failure