**Article title**

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**Abstract**

(Abstract should not exceed 400 words). In contrast to conventional strain-controlled creep-fatigue interaction (CCFI) loadings, a novel hybrid stress- and strain-controlled creep-fatigue interaction (HCFI) loadings were developed on P92 steel. Dwell stresses ranging from 140 MPa to 170 MPa, and dwell periods of 300 s, 600 s and 1800 s were employed at 625℃. The test responses demonstrate that cyclic softening and hardening effects lead to complicated cyclic responses.

**Key words**

Creep-fatigue interaction loading; Cyclic responses; Life prediction