＊＊ 最近の発表 ＊＊

日本材料学会第５４期学術講演会 (2005 5.20 ～ 5.22)

フェライト系耐熱鋼の組織形態を考慮した高温弾性係数評価法の提案	澤田、大場、九嶋、木村、阿部、野中

2005 ASME Pressure Vessels and Piping Division Conference
(2005 7.17 ～ 21) Denver, Colorado USA

ASSESSMENT OF LONG-TERM CREEP STRENGTH AND REVIEW OF ALLOWABLE STRESS OF HIGH CR FERRITIC CREEP RESISTANT STEELS	木村

第９回超鉄鋼ワークショップ (2005 7.20 ～ 7.21)

Metallographic atlas of the three type 2.25Cr-1Mo steels with different initial microstructure	九島，渡部，村田，田中，上平、木村
Prediction of long-term creep rupture life for ferritic heat resistant steels by region partitioning method	金丸、久保、宮崎
Stress relaxation property of boron added 9Cr ferritic creep resistant steels	大場、澤田、木村、岡田、阿部
Effect of microstructure on static elastic modulus at high temperatures in ferritic steels	澤田、大場、九島、木村
Influence of austempering on precipitation behavior of MX carbonitride in modified 9Cr-1Mo steel	吉野、三島、戸田、九島、澤田、木村

＊＊ 今後の発表予定 ＊＊

IfW Darmstadt - MPA Stuttgart - NIMS/Japan Workshop
"Performance and requirements of structural materials for modern high efficient power plants" (2005 9.6 ～ 7) Darmstadt

Microstructural stability and degradation behaviour of 12Cr ferritic creep resistant steels	木村
Precipitation behavior of Z phase during aging and creep in 9-12%Cr ferritic heat resistant steels	澤田
Precipitation behaviour of MX carbonitride in high Cr ferritic steels	吉野

Inter. Conf. on Creep & Fracture in High Temperature Components - Design & Life Assessment Issues (2005 9.12 ～ 9.14) London

Elastic properties of heat resistant steels after long-term creep exposure	澤田、大場、阿部、木村、野中
Influence of normalizing heat treatment on precipitation behavior in modified 9Cr-	吉野，三島，澤田，戸田，九島，木村
Metallographic atlas for 2.25Cr-1Mo steels and degradation due to long-term service at the elevated temperatures	九島，渡部，村田，上平、田中，木村
Degradation of Type PR and R themocouples during long-term creep tests	宮崎
Review of allowable stress and new guideline line of long-term creep strength assessment for high Cr ferritic creep resistant steels	木村

Materials Science & Technology 2005 - Symp. Creep Deformation and Fracture, Design, and Life Extension (2005 9.25 ～ 28) Pittsburgh

Present status and future prospects of NIMS creep data sheet project	木村

日本鉄鋼協会 第１５０回秋季講演大会 (2005 9.28～9.30)

9Cr-0.5Mo-1.8W-V-Nb鋼の応力リラクセーション挙動	大場、澤田、木村、阿部
9-12%Cr鋼の長時間クリープ中のZ相析出挙動	澤田、九島、木村
高Crフェライト耐熱鋼の材質劣化挙動に及ぼすδ-フェライトの影響	吉野、三島、澤田、戸田、九島、木村