

## Publications 2004

*Brückner, U.; Epishin, A.; Link, T.; Fedelich, B.; Portella, P.D.:*

### **Dendritic stresses in nickel-base superalloys**

ICRS-7, Proceedings of the 7th Internationale Conference on Residual Stresses, Materials Science Forum (2004), pp. 1-5

*Buntoro; Müller, K.:*

### **Biegen von stranggepressten Profilen direkt an der Strangpresse, Teil II**

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*Corkovic, S.; Pyzalla, A.:*

### **In-situ stress analyses during high temperature oxidation of mild steel and grey cast iron**

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### **Correlation between magnetic properties of CoFe single and CoFe/SiO<sub>2</sub> multi-layer thin films and their microstructure, texture and internal stress state**

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### **Mechanisms of high-temperature creep of nickel-based superalloys under low applied stresses**

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### **Grain selection technique for single crystal casting: Investigation by electron back-scatter diffraction**

in: Fortschritte der Metallographie, P. Portella, Sonderbände der Praktischen Metallographie 35, Fortschritte der Metallographie 35, (2004), pp. 151-155

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### **Application of energy-dispersive diffraction to the analysis of multiaxial residual stress fields in the intermediate zone between surface and volume**

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**Modeling induction heat treating of crankshafts**  
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**Quantitative analysis of the structure of single crystal superalloys**  
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**Hydrostatisches Strangpressen**  
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*Müller, K.; Buntoro:*  
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