

Publikationen 2002

Bohne, C.; Heitkemper, M.; Pyzalla, A.:

Microstruktur und Eigenschaften des kurzzeilaserwärmebehandelten Werkzeugstahls X30CrMoN151

in: Strahltechnik, Band 18, Sepolt, G.; Wagner, F.; Tobolski, J. (Hrsg.), BIAS-Verlag, Bremen, (2002), S. 77-96

Bruno, G.; Cavalcanti Pinto, H.; Reimers, W.:

Gamma' nucleation and growth in the nickel-base superalloy SC 16

Applied Physics A 74 (Supplement), (2002), S. S940-S942

Dieter, S.; Pyzalla, A.; Wanderka, N.; Seemann, K.; Reimers, W.:

Dependence of magnetic properties, texture and residual stresses on the deposition parameters of CoFe-single and multi-layers

Materials Science Forum 404-407, (2002), S. 785-790

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

Investigation of stresses in superalloys by analysis of gamma/gamma'-microstructure

Materials Science Forum 404-407, (2002), S. 287-292

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

Investigation of porosity in single-crystal nickel-base superalloys

in: Schriften des Forschungszentrum Jülich, Reihe Energietechnik, Band 21, (2002), S. 217-226

Fernandez, R.; Bruno, G.; Borrego, A.; Gonzalez-Doncel, G.; Pyzalla, A.:

Determination of residual stress by neutron diffraction in 6061 Al-15 vol.-% SiC_w composites with different whisker orientation/distribution

Applied Physics A 74 (Supplement), (2002), S. S1146-S1148

Martins, R. V.; Lienert, U.; Marguiels, L.; Pyzalla, A.:

Dynamic in-situ investigation of the texture and strain state within a plastically deformed solid AlMg3 torsion sample using high energy synchrotron radiation

Materials Science Forum 404-407, (2002), S. 115-120

Müller, K. B.:

Indirect and direct extrusion of AZ31

in: Magnesium Technology 2002, Hrsg: Kaplan, H. I., TMS, Warrendale, (2002), S. 187-192

Müller, S.; Pyzalla, A.:

Strukturuntersuchungen an indirekt stranggepressten Magnesiumlegierungen des Typs AZ

in: Tagungsband, SFU Umformtechnik, 9. Sächsische Fachtagung Umformtechnik, 08-09. Oktober 2002, Dresden, (2002), S. 243-253

Pyzalla, A.; Lima, E.; Wild, E.; Dieter, S.; Stock, C.; Reetz, B.; Reimers, W.:
Analyse von Spannungsfeldern, in: Bauteilen mit Neutronen und Synchrotronstrahlung

PSI-Proceedings, 02-03, November 2002, ISSN 1019-6447, (2002), S. 26-34

Pyzalla, A.; Reetz, B.; Jacques, A.; Feiereisen, J.-P.; Ferry, O.; Buslaps, T.:
Synchrotron radiation in-situ analyses of AA 6061+AL₂O₃ during tensile deformation at ambient and elevated temperature

in: Recent Advances in Experimental Mechanics-In Honor of Isaac, (M. Daniel, E.E. Gdoutos (ed.)), Kluwer Academic Publishers, Dordrecht, Netherlands, (2002), ISBN: 1-4020-0683-7, S. 527-534

Pyzalla, A.; Reetz, B.; Wegener, J.; Jacques, A.; Ferry, O.; Feiereisen, J.-P.; Buslaps, T.:

In-Situ analysis of microstress and texture development during tensile deformation of MMCs at room temperature and at elevated temperatures using synchrotron radiation

Materials Science Forum 404-407, (2002), S. 535-540

Reetz, B.; Bohne, C.; Pyzalla, A.:

Spannungskorrosion unter Einfluss von Eigenspannungen

Werkstoffprüfung Schadensanalyse und Schadensvermeidung, Wiley-VCH Verlag, Weinheim, (2002), S. 146-152

Stempniewicz, M.; Camin, B.; Pyzalla, A.:

Preliminary investigation of fossil bone: XRD and XPS study

Acta of Bioengineering and Biomechanics 4, Supplement 1, (2002), S. 406-407

Stock, C.; Genzel, C.; Reimers, W.:

Problems related to energy-dispersive x-ray stress analysis performed in reflection geometry

Materials Science Forum 404-407, (2002), S. 13-18

Stolze, M.; Camin, B.; Galbert, F.; Reinholz, U.; Thomas, L.-K.:

Nature of substoichiometry in reactively DC-sputtered tungsten oxide thin films and its effects on the maximum obtainable colouration by gases

Thin Solid Films 409, (2002), S. 254-264