

HIP17 - 12th International conference on Hot Isostatic Pressing

Wednesday, 6 December 2017

Materials: Keynote (11:00 - 11:35)

time	[id] title	presenter
11:00	[3] HIP for AM - Optimized material properties by HIP	Dr EKLUND, ANDERS

Materials: Session 2 (11:35 - 12:50)

time	[id] title	presenter
11:35	[21] The influence of post-HIP heat-treatments on the tensile and HCF properties of Ti6Al4V	Dr ARISTIZABAL, Miren
12:00	[39] Surface Chemistry of Steel Powder and its Changes during HIP Processing	Prof. HRYHA, Eduard
12:25	[46] Oxygen content in PM HIP 625 and its effect on toughness	Mr MEURLING, Fredrik

Materials: Session 3 (14:00 - 15:40)

time	[id] title	presenter
14:00	[50] Effect of Hot Isostatic Pressing (HIP) on additively manufactured Ti6Al4V microlattice structures	Dr BHATTACHARYYA, Dhriti
14:25	[35] Overview of properties, features and developments of PM HIP 316L and 316LN	Mr ÖSTLUND, Martin
14:50	[43] Post-HIPing of Transparent Polycrystalline Alumina Ceramics Prepared by Pulsed Electric Current Sintering	Prof. NANKO, Makoto
15:15	[19] Heat treatment inside the HIP-Unit	Mr WULBIETER, Nils

Materials: Session 4 (16:00 - 17:40)

time	[id] title	presenter
16:00	[28] Capsule-free HIP of Water Atomised Steel Powder through CIP	Mr VATTUR SUNDARAM, Maheswaran
16:25	[27] Microstructural design of Ni-base superalloys by hot isostatic pressing	Mr RUTTERT, Benjamin
16:50	[45] Precipitation of Y-Ti-O nanoparticles during the HIP consolidation of gas atomised powders	Dr ITURRIZA, Inigo
17:15	[12] Development of constructive and technological solutions for the manufacture of blisks turbine by connecting the disk with shrouded blades under hot isostatic pressing	Prof. MAGERRAMOVA, Liubov

Thursday, 7 December 2017

Materials: Session 7 (14:30 - 16:10)

time	[id] title	presenter
14:30	[47] Wear of PM HIP metal matrix composites – influence of carbide type	Mr BERGLUND, Tomas
14:55	[9] HIP technology enable ceramic manufacturers to control material properties and increase productivity.	Dr EKLUND, ANDERS
15:20	[68] Novel approaches to densify powder metallurgical materials through hot isostatic pressing	Mr VATTUR SUNDARAM, Maheswaran
15:45	[74] Increasing the cost efficiency of hot isostatic pressing for near net-shape processing of titanium alloy components	Dr FRASER, Hamish

Materials: Session 8 (16:30 - 18:10)

time	[id] title	presenter
16:30	[38] Hot Isostatic Pressing of the Water Atomized Steel Powder Prealloyed with Chromium	Prof. HRYHA, Eduard
16:55	[73] Expanding HIP Applications as a Manufacturing Process by Overcoming the Long Existing Technical Barriers	Dr FRASER, Hamish
17:20	[23] HIP Processing of Improved Tooling Materials for High-Productivity Hot Metal Forming Processes	Dr GAUTHIER, Maxime
17:45	[11] The effect of element Hafnium on the microstructure and mechanical properties of as-HIPed FGH4097 PM superalloy	Mr JIA, Jian Prof. ZHANG, Yiwen

Friday, 8 December 2017

Materials: Session 9 (08:00 - 10:30)

time	[id] title	presenter
08:00	[42] Influence of rapid cooling rates for hot isostatic pressing on mechanical and corrosion properties of UNS S32205	Mr HOERTNAGL, Arnulf
08:25	[70] Taylor-Made Net-Shape Composite Components by Combining Additive Manufacturing and Hot Isostatic Pressing	Mr RIEHM, Sebastian
08:50	[17] Production of Intermetallic Alloys by Powder Metallurgy: the Distinguishing Features of the Hot Isostatic Pressing	Dr LOGACHEV, Alexander
09:15	[62] Toughness of duplex steel produced by PM-HIP	Prof. BROECKMANN, Christoph
09:40	[33] The effect of HIP treatment on mechanical properties of titanium aluminide additively manufactured by EBM	JOSEPH, Robert
10:05	[16] Experience in HIP Diffusion Welding of Dissimilar Metals and Alloys	Dr BUTRIM, Victor