

HIP17 - 12th International conference on Hot Isostatic Pressing

Wednesday 06 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 07 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 08 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