

Short oral VII. / Design & processing / July 11, Wednesday 13:50-14:50* / Nagy Hall

Virginia Barbieri (Italy): Use of spelt hull (husk) as natural aggregate in lightweight insulating concrete

Róbert Boros (Hungary): Thermoplastic overmolding onto in-situ polymerization-based reinforced polyamides

Guadalupe Cano Castillo (Germany): The recrystallization behavior of extruded Mg-Zn alloys with rare earths addition

Drahomír Dvorský (Czech Republic): Magnesium alloys containing RE considered as biodegradable materials

Mehdi Mohammadi (Italy): Effects of particles sizes distribution on sintering behaviour and properties of hydroxyapatite bioceramic

Aida Beatriz Moreira (Portugal): White cast iron reinforced with structural ceramics for wear resistance applications

Hossein Ramezani Dana (France): Effect of printing direction on the mechanical properties of ABS compound manufactured by droplet deposition

Ivan Shepa (Slovakia): Preparation of Zinc-based oxide ceramic nanomaterials by needle-less electrospinning

Ricardo O. Sousa (Portugal): Study of chromium nitride precipitation in a cast super duplex stainless steel

Daniel Suarez-Fernandez (United Kingdom): An assessment of the effect of machining and surface microstructure on fatigue performance of aerospace titanium alloy Ti-6Al-2Sn-4Zr-6Mo.

Ioannis Theodorakos (Greece): Laser printing of silver nanoparticle inks: simulation and high speed visualization of the jet dynamics

Amarish Kumar Shukla (India): Studies on microstructure, and mechanical properties of aluminium foam prepared by melting and casting routes

*Preliminary programme 19/06/2018 - changes may occur!