

September 28 | Wednesday

	Main Auditorium	Auditorium 1	Auditorium 2	Auditorium 3
08:00 09:00	Conference Registration			
09:00 09:15	Opening Session			
09:15 10:00	A New Era for Additive Manufacturing <i>Terry Wahlers, Wahlers Associates</i>			
10:00 10:45	A Role of Rapid Prototyping in the Innovation Economy <i>Jung-Hoon Chun, Massachusetts Institute of Technology</i>			
10:45 11:00	Coffee Break			
11:00 13:00	Biomanufacturing	Design and Modelling for Rapid Manufacturing	Manufacturing Technologies	CAD and 3D Data Acquisition Technologies
	Polycaprolactone-based scaffold plus BMP-2 in a sheep thoracic spine fusion model <i>M. Yang, F. Melchels, C. Vaquette, D. Huttmacher, C. Adam, M. Domingos & P. Bartolo</i>	A novel approach to produce functionally graded materials for additive manufacturing <i>P. Magnol, P. Muller & J.Y. Hascoet</i>	Optimization of Selective Laser Melting technology using Design of experiments method <i>M. Averyanova, E. Cicala, Ph. Bertrand & D. Grevey</i>	Application of contour tracing algorithm for assisting non-contact data acquisition <i>S. Rianmora, P. Koomsap & P. Kuagoolkijarn</i>
	The Calibration of Continuous Digital Light Processing (cDLP) for the Highly Accurate Additive Manufacturing of Tissue Engineered Bone Scaffolds <i>D. Dean, J. Wallace, A. Siblani, M.O. Wang, K. Kim, A.G. Mikos & J.P. Fisher</i>	Direct Manufacturing Design Rules <i>D. Zimmer & G. Adam</i>	A comparison of laser additive manufacturing using gas and plasma-atomized Ti-6Al-4V powders <i>M.N. Ahsan, A.J. Pinkerton & L. Ali</i>	Reverse engineering of casting equipment for process simulation <i>F. Calignano, P. Minetola, A. Salmi, E. Atzeni & L. Iuliano</i>
	Production and in-vitro characterization of micro-structured implant surfaces <i>M. de Wild, Th. Müller, S. Tschumi, R. Schumacher & H. Albrecht</i>	From functional specifications to optimized CAD model: proposition of a new DFAM methodology <i>J.Y. Hascoet, R. Ponche, O. Kerbrat & P. Magnol</i>	Innovative features in implants through Beam Melting – a new approach for Additive Manufacturing of endoprostheses <i>B. Mueller, T. Toepfel, M. Gebauer & R. Neugebauer</i>	An innovative methodology for laser scanner integration in a robot cell for small batch production of sculpture artworks <i>C. Cenati, G. Borroni, L. Cevasco, D. Parazzoli & M. Danesi</i>
	Fabrication and characterization of Biodegradable Composite Scaffolds for Tissue Engineering <i>T. Serra, M. Navarro & J. A. Planell</i>	Software tools for Rapid Prototype as Design <i>A. Withell, O. Diegel & S. Reay</i>	Manufacturing of defined porous metal structures using the beam melting technology <i>J.T. Sehart & G. Witt</i>	Touchless Gesture User Interface for 3D Visualization Using the Kinect Platform and Open-Source Frameworks <i>G.C.S. Ruppert, P.H.J. Amorim, T.F. Moraes & J.V.L. Silva</i>
	A study of mechanical and biological behavior of porous Ti6Al4V fabricated on EBM <i>V. Petrović, J.R. Blasco, L. Portolés, I. Morales, V. Primo, C. Atienza, J.F. Moreno & V. Belloch</i>	“No models, no moulds!” <i>A. T. Estévez</i>	Influence of process parameters in the first melting layer of a building platform in a SLM machine <i>J. Delgado, L. Sereno, J. Ciurana & L. Hernandez</i>	Comparative analysis between a CAD model design and physical models obtained by manufacturing additive technologies using optical scan <i>F. de Alencar & P.J. Bártolo</i>
13:00 14:15	Lunch Break			
14:15 15:00	Additive Manufacturing: A discussion on Sustainability <i>Ian Gibson, National University of Singapore</i>			
15:00 15:45	Nano and Bio RAP <i>Boris N. Chichkov, Leibniz University</i>			
15:45 16:00	Coffee Break			
16:00 18:00	RM Platform Meeting	Technical Session <i>Socem Inpact</i>		
		Technical Session <i>Paralab</i>		
18:00 19:00	Trends in additive Manufacturing			
20:00	RECEPTION DINNER			

September 29 | Thursday

	Main Auditorium	Auditorium 1	Auditorium 2	Auditorium 3
09:15 10:00	Combining additive and subtractive laser manufacturing: selective laser melting, ablation and remelting <i>Jean-Pierre Kruth, K.U.Leuven</i>			
10:00 10:45	Advances on Development of Functional Materials by Fused Deposition Modeling <i>Ahmad Safari, Rutgers University</i>			
10:45 11:00	Coffee Break			
11:00 13:00	Biomanufacturing	Virtual Environments and Simulation	Materials	Applications
	Additive Manufacturing of Soft Tissue Geometries for Reconstruction Purposes <i>M. Truscott, G.J. Booyens & D.J. de Beer</i>	BIM Implementation strategy <i>A. R. Meireles</i>	Mechanical behavior of Epoxy-Aluminum Composite for Rapid Tools Applications <i>G.V. Salmoria, F.A. Yañez-Villamizar, A. Sabino-Netto & G.M.O. Barra</i>	The application of Laser Sintering for archaeological model-making <i>S.P. Soe, D.R. Evers, A.T. Potter, T. Jones & N. Noyling</i>
	Development of patient-specific implants using Direct Metal Laser Sintering in Titanium <i>G.J. Booyens, M. Truscott, J. Els & D.J. de Beer</i>	SMARTerials for High Performance Buildings <i>N. Lazarovich, G. Capeluto & M.S. Silverstein</i>	Thermal and dynamic-mechanical behavior of Fullcure 3D Printing Resin post-cured by different methods <i>L.F. Vieira; R. A. Paggi & G.V. Salmoria</i>	The Corinthian Capital according to Alberti: Generative modelling and digital prototyping of classical architectural elements <i>E. Castro e Costa, F. Coutinho, J.P. Duarte & M. Krüger</i>
	Development of Functional Graded Device of PCL/PG by Selective Laser Sintering for Drug Delivery Applications <i>G.V. Salmoria, P. Klaus, K. Zepan, L.A. Kanis & C.R.M. Roesler</i>	Virtual Reality technology as a support to the maintenance activity of buildings <i>A.Z. Sampaio & A.R. Gomes</i>	Fabrication of a soft morphing structure using a shape memory alloy (SMA) wire/polymer skeleton composite <i>J.S. Kim & S.H. Ahn</i>	Rapid prototyping in collaborative architectural design process <i>R. Pupo, R. Ruschel & M. Andrade</i>
	Flexible PCL tube scaffolds by winding of micro-extruded filaments <i>K. Ragaert, L. Cardon & J. Degrieck</i>	An Ontology-based Automotive Troubleshooting Configuration System Development <i>J.S. Liang</i>	New material development for laser additive manufacturing <i>L. Hao</i>	Developing Ti jewelry through additive manufacturing and conversion technologies <i>B. Palva, R.J. Neto & J. Lino</i>
	A novel protein-based scaffold with macro- and micro-structural features for tissue engineering applications <i>M.J.J. Liu, S.M. Chou & C.K. Chua</i>	Prototyping process of a virtual-reality treadmill system for exploration of real world panoramic environments <i>J. Hu, G.M. Fadel, I. Wood, P. Napieralski & S. Babu</i>	Fabricating complex shape parts using Additive Layer Manufacturing Technique <i>R.A. Swamy</i>	Production of functional parts using SLM – Opportunities and limitations <i>A.B. Spierings, G. Levy, L. Labhart & K. Wegener</i>
	Strategy for optimizing human dental stem cell and 3D scaffolds for tooth tissue engineering <i>M.T. Duailibi, S.E. Duailibi, E.F.D. Neto, L.M. Ferreira, J.V.L. da Silva, J.P. Vacanti & P.C. Yelick</i>	A tactile display for texture perception in virtual environments <i>M. Mengoni, M. Germani, B. Calaiocco & P. Morichetti</i>	Nanoscale Rapid Prototyping and Manufacturing with focused electron and ion beam triggered chemistry <i>I. Utkle, M.S. Gabureac & M.G. Jenke</i>	A prototype of a spherical tippe top <i>M.C. Ciocci, B. Malengier & B. Grimonprez</i>
13:00 14:15	Lunch Break			
14:15 15:00	How to Print a Tree: Functionally Graded Digital Fabrication <i>Neri Oxman, Massachusetts Institute of Technology</i>			
15:00 15:45	Patterned electrospun nanofibrous scaffolds for NanoMedicine <i>Gyeong-Man Kim, School of Engineering of the University of Navarra</i>			
15:45 16:00	Coffee Break			
16:00 18:00	IREBID Meeting	Virtual Environments and Simulation	Rapid Tooling	Applications
		A comparison between BioCAD and some known methods for Finite Element model generator <i>P.Y. Noritani, T.A. Xavier & J.V.L. Silva</i>	Rapid Tooling in metal forming processes using 3D-printed tools <i>S. Junk, R. Wagner, M. Tränkle & S. Côté</i>	Functionally Graded Rapid Prototyping <i>N. Oxman, S. Keating & E. Tsai</i>
		Virtual prototyping of force-feedback robotic instruments for surgery <i>J.M. Gómez-de-Gabriel, V.F. Muñoz, W.S. Harwin & A. Barrow</i>	Conformal cooling in moulds with special geometry <i>M.A. Garcia, C. Garcia-Pando & C. Marto</i>	A-footprint: Ankle and Foot Orthotic Personalization via Rapid Manufacturing <i>J. Munguia, K.W. Dalgarno, J. Pallari & S. Cook</i>
		Some Studies on dislocation density based finite element modeling of Ultrasonic Consolidation <i>D. Pal & B.E. Stucker</i>	Thermoplastic Resin Transfer Moulding in a rapid manufactured mould <i>E. Atzeni, F. Callignano, L. Iuliano, P. Minetola, A. Salmi, E. Bassoli, L. Denti & A. Gatto</i>	Using Additive Manufactured Tooling in the Fabrication of Poly (L-Lactide-co-Glycolide) Implants <i>S.F. Khan, K.W. Dalgarno & M.J. German</i>
		Warped hexahedral meshing of an ellipsoidal inclusion for design of composite material <i>L. Podshivalov, A. Fischer & P.Z. Bar-Yoseph</i>	A study on the mouldability of technical parts using hybrid moulds and structural foams <i>A.A. Nogueira, P.G. Martinho, A.M. Brito & A.S. Pouzada</i>	Application of time compression techniques to dental restoration: a procedure for quality evaluation <i>A. Salmi, E. Atzeni & L. Iuliano</i>
	Finite Element Synthesis <i>N. Oxman</i>		Rapid Manufacturing of Removable Complete Denture Components <i>S. Wahab, N. Kassim & Z.A. Rajjan</i>	
18:00	Career Awards			

September 30 | Friday

	Main Auditorium	Auditorium 1	Auditorium 2	Auditorium 3
09:15 10:00	A 3D interactive multi-scale inspection system for material micro-structures using SEM stereo images <i>Anath Fischer, Technion, Israel Institute of Technology</i>			
10:00 10:45	Manufacturing of smart skeleton structures using 3D printer <i>Sung-Hoon Ahn, Seoul National University</i>			
10:45 11:00	Coffee Break			
11:00 13:00	Biomanufacturing	Design and Modelling for Rapid Manufacturing	Materials	Manufacturing Technologies
	Drug-Eluting, Osteointegrative Coatings for EBM Titanium Lattice Implants <i>H.K. Hudson, A. Christensen, S.P. James & D.A. Prawl</i>	BioCAD Techniques: Example on Maxilla for Rapid Expansion Simulation <i>D.T. Kemmoku, C.A.R. Laureti, P.Y. Noritomi & J.V.L. Silva</i>	A review of different techniques to characterise the mechanical properties of SLS parts - focus on resistivity measurements <i>E. Baillat, D. Fivat, J. Jhabvala, M. Matthey & R. Glardon</i>	An additive manufacturing method based on xerography <i>Y.E. Tan & C.K. Chua</i>
	New approaches to prototype 3D vascular-like structures by additive layer manufacturing <i>E. Bassoli, L. Dentí, A. Gatto, A. Paderno, G. Spaletta, N. Zini, V. Strusi, D. Dallatana & R. Toni</i>	Integrated strategy for sustainable product development <i>A.L. Santos, H.A. Almeida, H. Bártolo & P. Bártolo</i>	Production of alumina parts through Selective Laser Sintering of alumina-polyamide composite powder <i>J. Deckers, S. Khuram, J. Vleugels, J.-P. Kruth & S. Boury</i>	Electrochemical Micromilling with ultra short pulses <i>R. Zemann, F. Bleicher, C. Habersohn & R. Zisser-Pfeifer</i>
	Medical application of rapid prototyping in orthopedics surgical planning <i>C.B.L. Ulbrich, C.A.C. Zavaglia, T.P. Leivas & F. Teixeira</i>	AsTeRICS – A Rapid Prototyping Platform for Assistive Technologies <i>C. Weß & C. Veigl</i>	Influence of hygrothermal aging on the mechanical properties of Nylon 12 composites processed by selective laser sintering <i>R. Seltzer, I.S. Escudero & F.M. de la Escalera Cutillas</i>	Porosity as a key to increase material properties of laser sintered parts <i>S. Rösenberg, L. Schmidt, H. Hasse & H.J. Schmid</i>
	Automation design and simulation of a stent <i>E.L. Melgoza, L. Sereno, J. Ciurana & A. Rosell</i>	Knowledge Based Process Planning and Design for Additive Manufacturing (KARMA) <i>B. Singh & N. Sewell</i>	Layerwise slurry deposition (LSD) of classic ceramics - an alternative to improve designing in the traditional ceramic industry? <i>C. Gomes</i>	Microchannels fabrication in Direct Metal Laser Sintering (DMLS) <i>A.R.R. Bineli; A.L. Jardini; A.P.G. Peres; L.F. Bernardes & R.M. Filho</i>
	Surgical training and post-surgery evaluation using rapid prototyped biomodels <i>L. Queijo, J. Rocha, P. M. Pereira & M. S. Juan</i>	Image-based direct slicing of a single line drawing for rapid prototyping <i>N. Chansri & P. Koomsap</i>	Porous Ceramic Filters through 3d Printing <i>A. Withell, O. Diegel, I. Grupp, S. Reay, D. de Beer & J. Potgieter</i>	Methodology for analyzing the depth of sintering in the building platform <i>J. Delgado, L. Sereno, J. Ciurana & L. Hernandez</i>
		Multi-material Blending for Complex-shaped Heterogeneous Objects <i>I.T. Ozbolat & B. Koc</i>	Fatigue behavior of additive manufacturing parts: A preliminary analysis <i>J. Munguía, KW. Dalgarno & R. Reid</i>	Automation for building manufacturing <i>F. Craveiro, J.M. Matos, H. Bártolo & P.J. Bártolo</i>
13:00 14:15	Lunch Break			
14:15 15:00	Direct Digital Manufacturing of Airfoils <i>Suman Das, Georgia Institute of Technology</i>			
15:00 15:45	Physical simulation phantoms for otolaryngology surgery training <i>Russell Harris, Loughborough University</i>			
15:45 16:00	Coffee Break			
16:00 18:00	Biomanufacturing	CAD and 3D Data Acquisition Technologies	Materials	Applications
	Spatially Varying Porosity with Continuous Path Plan for Hollowed Tissue Scaffolds <i>AKM B. Khado, I.T. Ozbolat & B. Koc</i>	Hyperbolic CAD elements for cellular structures <i>H.A. Almeida & P.J. Bártolo</i>	Metallurgical, accuracy and cost analysis of Ti6Al4V dental coping fabricated by electron beam melting process <i>W.P. Syam, A.M. Al-Ahmari, M.A. Mannan, H.A. Al-Shehri & K.A. Al-Wazzan</i>	A creative solution for rapid and inexpensive model-making in product design processes <i>F. Veloso, A.M. Sampaio, F. Chaves & R. Simoes</i>
	Heterogeneous Tissue Scaffolds for Spatiotemporally Controlled Release Kinetics <i>I.T. Ozbolat, AKM B. Khado, M. Marchany, J. A. Gardella & B. Koc</i>	Design and Additive Manufacturing of Cellular Lattice Structures <i>L. Hao, D. Raymond, C. Yan, A. Hussein & P. Young</i>	Metallurgical, accuracy and cost analysis of Ti6Al4V dental coping fabricated by electron beam melting process <i>W.P. Syam, A.M. Al-Ahmari, M.A. Mannan, H.A. Al-Shehri & K.A. Al-Wazzan</i>	Investigation of wear behaviour of FDM fixtures <i>P. Minetola & L. Iuliano</i>
	The Semi-Automated Design & Manufacture of Patient-Specific Intervertebral Disc Implants <i>N. de Beer</i>	Cellular Structure Design for Lightweight Components <i>J. Nguyen, S.-I. Park & D.W. Rosen</i>	Investigation on the Inclusions in Maraging Steel Produced by Selective Laser Melting <i>L. Thijs, J. Van Humbeeck, K. Kempen, E. Yasa, J.P. Kruth & M. Rombouts</i>	Physical prototypes in cross-functional team collaboration: A study of the Model-T ² concept car project <i>S. Datta, S. Hanafin, B. Rolfe & T. de Souza</i>
	Enabling Technologies for Robotic Organ Printing <i>R.A. Rezende, F.D.A.S. Pereira, B. D. T. Kemmoku, J.V.L. da Silva, V. Mironov, V. Kasvanov & T. Vilbrandt</i>	Gaussian Vault Geometry: integrated approach in design and fabrication of physical prototypes <i>M.P. Sharmar & S. Datta</i>	Structural and functional properties of NiTi shape memory alloys produced by Selective Laser Melting <i>H. Meier, C. Haberland & J. Frenzel</i>	Novel Concept for Manufacturing Lightweight Centrifuge Rotors for Laboratories <i>U. Klaeger & V. Galazky</i>
	Ultrastructural Analysis of the hDSC interactions with biodegradable 3D scaffolds <i>S.E. Duailibi, M.T. Duailibi, L.M. Ferreira, F.A.O. Tanaka, J.P. Vacanti & P.C. Yelick</i>		Material study of laser clad Inconel 625 <i>M. Rombouts, G. Maes & R. Persoons</i>	The Potential for Additive Manufacturing in Jewellery Design <i>T. Ferreira, P. Bártolo & R.I. Campbell</i>
20:00	GALA DINNER			

October 1 | Saturday

	Main Auditorium	Auditorium 1	Auditorium 2	Auditorium 3
09:15 10:00	"Idea 2 Product lab" – A low cost alternative to introduce AM in South Africa <i>Deon de Beer, Vaal University of Technology</i>			
10:00 10:45	Additive Manufacturing, The New Frontier <i>Olaf Diegel, Auckland University of Technology</i>			
10:45 11:00	Coffee Break			
11:00 13:00	Biomufacturing	Manufacturing Technologies	Materials	Applications
	A route toward the development of 3D magnetic scaffolds with tailored mechanical and morphological properties for hard tissue regeneration: preliminary study <i>R. De Santis, A. Gloria, T. Russo, U. D'Amora, S. Zeppetelli, A. Tampieri, T. Hermannsdörfer & L. Ambrosio</i>	Surface finishing techniques for SLM manufactured stainless steel 316L components <i>W. Morton, S. Green, A.E.W. Rennie & T.N. Abram</i>	Rheological study of poly vinyl alcohol with two thermo-initiator for use in rapid prototyping <i>L.L. Lima, C.B.L. Ulbrich, C.A.C. Zavaglia, V.P. Bavaresco, J.G.M. Coelho & C.G.B.T. Dias</i>	The integration of solutions that evolved by nature, into innovative products of the future <i>R. Becker</i>
	Routes to Rapid Manufacturing of Plastic Parts with Spatially Varying Properties <i>G. Mitchell</i>	A priori process parameter adjustment for SLM process optimization <i>S. Clijsters, T. Craeghs & J.P. Kruth</i>	Characterisation of carbon fibre reinforced nylon-12 composites for selective laser sintering process <i>C. Yan, L. Xu, L. Hao & Y. Shi</i>	Patient specific parametric geometric modelling of cementless hip prosthesis <i>G. Saravana Kumar & M. Gupta</i>
	Electrospun PCL meshes for cartilage regeneration <i>J.R. Dias, F.E. Antunes, G. Mitchell & P.J. Bártalo</i>	Surface Roughness Analysis in Selective Laser Melting <i>G. Strano, L. Hao, R.M. Everson & K.E. Evans</i>	Thermal characterization of laser sintering of nylon-12 <i>T.T. Diller, M.M. Yuan, D.L. Bourell & J.J. Beaman</i>	Use of rapid prototype techniques for large prosthetic cranioplasty <i>C.B.L. Ulbrich, C.A.C. Zavaglia, G.H.L. Paschoal, J.V.L. Silva & J.F.D. Zullo</i>
	Improved biomechanical properties of PCL based scaffolds for tissue engineering <i>T. M. F. Patrício, M. Domingos, P. J. S. Bártalo, J. F. J. Coelho & A. Gloria</i>	Preliminary investigation on cellular support structures using SLM process <i>A. Hussein, C. Yan, R. Everson & L. Hao</i>	Material Characterisation of Additive Manufacturing Components Made From a Polyetherketone (PEK) High Temperature Thermoplastic Polymer <i>M.A. Beard, O.R. Ghita, J. Bradbury, S. Flint & K. E. Evans</i>	Rapid prototyping techniques for individualized medical prosthesis manufacturing <i>A. Fiorentino, G.P. Marenza, R. Marzi, E. Ceretti, D.T. Kemmoku & J.V.L. Silva</i>
	Individual Contour Adapted Functional Implant Structures in Titanium <i>C. Schoene, R. Stelzer, P. Sembdner, L. Betrol, J. Markwardt, B. Reitemeier & G. Engel</i>	Towards surface topography: Quantification of Selective Laser Melting (SLM) built parts. <i>A. Diatlova, D. Buchbinder, W. Meiners, K. Wissenbach & J. Bültmann</i>	Selective Laser Melting for Near-Net Shape Manufacturing: Investigation into Structure-Parameter relationships and Phase Determination by X-ray Diffraction in stainless steel alloy systems <i>N. O'Meara & S. Green</i>	Fabrication of a Biopsy Micro-Forceps Prototype with Incremental Sheet Forming <i>R. Perez-Santiago, M. Garcia-Romeu & I. Bagudanch</i>
		Thermoplastic filament extruder head for desktop additive manufacturing machines <i>P.I. Neto & A.L.L. Filho, F.D.A.S. Pereira, J.V.L. Silva & Z.C. Silveira</i>		
13:00 14:15	Lunch Break			
14:15 15:00	Strategic implementation of Additive Manufacturing, more than a technological question <i>Olivier Jay, Danish Technological Institute</i>			
15:00 15:15	Best Papers Awards			
15:15 15:30	Coffee Break			
15:30 17:30	Manufacturing Technologies	Virtual Environments and Simulation	CAD and 3D Data Acquisition Technologies	Applications
	Comparison of five Rapid Prototype techniques (SLS/FDM/DLP/3DP/Polyjet) <i>C.B.L. Ulbrich, C.A.C. Zavaglia, P.I. Neto, M.F. Oliveira & J.V.L. Silva</i>	Comparison of bone remodeling algorithms for hip implants <i>J. Frazão, H.A. Almeida, P. Bártalo & N. Alves</i>	Cross-section morphological study <i>B. Bauer, A. Tibi & U. Shavit</i>	Rapid prototyping for original design <i>N.G. Harris & T.J. Coole</i>
	Variable Fused Deposition Modelling – Analysis of Benefits, Concept Design and Tool Path Generation <i>H.L. Brooks, A.E.W. Rennie, T.N. Abram, J. McGovern & F. Caron</i>	Computer Modelling and Simulation of Reaction Injection Moulding: Filling and Curing Stages <i>R.T. Dias, A. Mateus, G.R. Mitchell & P.J. Bártalo</i>	Evaluation of different fitting algorithms using CMM and white fringe projection systems <i>F. Domingues, C. Silva, N.M. Alves, H.A. Almeida & P.J. Bártalo</i>	Continuous contour printing versus layer by layer printing in an additive manufacturing technology <i>G. Vallicrosa, J. Delgado, L. Sereno & J. Ciurana</i>
	Investigating the influence of build parameters on the mechanical properties of FDM parts <i>J. Giannatsis, K. Sofas, V. Canellidis, D. Karalekas & V. Dedoussis</i>	Numerical Simulations Applied in a Protocol for Virtual Prototype of a Femoral Prosthesis Stem Fatigue Life Test <i>C.A.R. Laureti, D.T. Kemmoku, P.Y. Naritami & J.V.L. Silva</i>	Robust STL processing for extrusion-based manufacturing <i>M.B. Gaspar & N. Martins-Ferreira</i>	Customization tool for people with special needs <i>B. Providência, J. Ciurana & J. Cunha</i>
	Droplet Impact Dynamics in Ink-Jet Manufacturing <i>W. Zhou, D. Loney, A.G. Fedorov, F.L. Degertekin & D.W. Rosen</i>	Towards Simulation of a Bioreactor Environment for Biofabricated Tissue Maturation <i>R.A. Rezende, C.A.R. Laureti, J.V.L. da Silva, V. Mironov, V. Kasyanov, & R.M. Filho</i>	3D scanning and digital manufacturing technologies applied in research projects in archaeology <i>J.R.L. Santos, S.A.K. Azevedo, S. Belmonte, A.B. Junior & R.C. Fontes</i>	Design and development of large rigid plastic packaging for Olives <i>M.F. Castro, C.I. Martins & A.J. Pontes</i>
	Additive manufacturing of porous metal components <i>K. Højbjerg</i>			
17:30	Closing Ceremony			