

Tuesday December 14

Time CET UTC +1	Time UTC	Time EET UTC +2	Session	Title	Author
12:00	11:00	13:00	Optional	Opening GatherTown	
13:00	12:00	14:00		Welcome	Cardon L.
13:10	12:10	14:10	Keynote	Keynote: Prediction of morphology evolution within injection molded parts: description of fibrils formation	Pantani R.
13:30	12:30	14:30		Exploring fused filament fabrication: from morphology control to commercial printing settings	Wang S.
13:45	12:45	14:45	Oral session I: Advanced Additive Manufacturing Part I	Morphological and mechanical characterization of 3D printed polyphenylsulfone	Ceretti D.
14:00	13:00	15:00		Comparing the performance of pellet-based AM of two main thermoplastic materials	La Gala A.
14:15	13:15	15:15		A proposal to assess printability of hydrogels by correlating additive manufacturing process parameters and rheological properties	Zafeiris K.
14:30	13:30	15:30		Break – GatherTown	
14:45	13:45	15:45		Die drawing of thermoplastic vulcanizates	Innes J.
15:00	14:00	16:00	Oral session II: Solid Phase Processing	Finite Element simulation of the production of oriented polymer tube via solid-phase die-drawing	Spencer P.
15:15	14:15	16:15		A new generation of high performance biaxially oriented polyethylene pressure pipes	Taraiya A.
15:30	14:30	16:30		Break/buffer	
15:35	14:35	16:35	Oral session III: Advanced Characterization	Friction and adhesion force measurement using a new developed equipment	Rodrigues A.
15:50	14:50	16:50		Microneedles characterisation and testing	Babenko M.
16:05	15:05	17:05	Poster session I	Poster session	
16:35	15:35	17:35	Oral session IV: Hybrid Moulding	In silico driven comparison of hybrid mould produced parts via Moldex3D	Fernandez E.
16:50	15:50	17:50		Hybrid method for customizable products	Silva C.
17:05	16:05	18:05		Break/buffer	
17:10	16:10	18:10	Oral session V: Shape Memory in Polymers	4D printing of materials with dual chromic and shape memory response to temperature stimulus	Sousa A.
17:25	16:25	18:25		Body temperature reverting shape memory bone fixations	Thomson B.

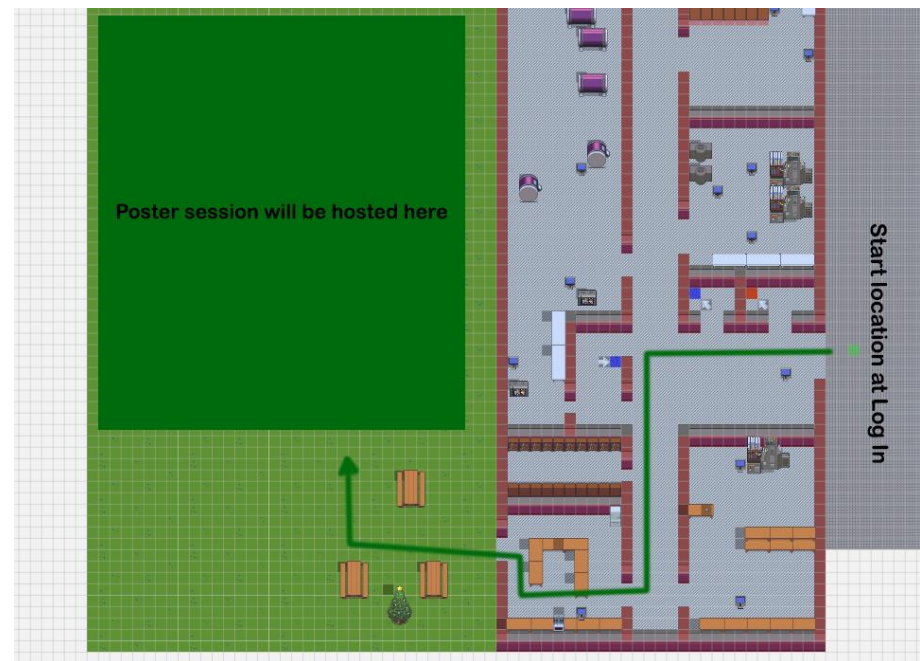
Wednesday December 15

Time CET UTC +1	Time UTC	Time EET UTC +2	Session	Title	Author
12:00	11:00	13:00	Optional	Opening GatherTown	
13:00	12:00	14:00		Welcome	Cardon L.
13:10	12:10	14:10	Keynote	Keynote: Multi-functional surfaces with controllable wettability and water adhesion	Anastasiadis S.
13:30	12:30	14:30	Oral session VI: Advanced Additive Manufacturing Part II	Additive manufacturing for repairing aluminium parts – a case study	Silva E.
13:45	12:45	14:45		Project INEX-ADAM: new collaborative opportunities in Additive Manufacturing	Godec D.
14:00	13:00	15:00		Break/buffer	
14:05	13:05	15:05	Oral session VII: Packaging Applications	Pbarrier: Polymer Barrier additive	Ouchchen A.
14:20	13:20	15:20		Sustainable polyester material design: an experimental study	Trossaert L.
14:35	13:35	15:35		Break – GatherTown	
14:50	13:50	15:50		Smart polymeric hydrogels as Controlled Drug Delivery Systems matrix	Shriky B.
15:05	14:05	16:05		Hybrid organic/ inorganic Poly Methacrylic Acid (sub)microparticles as debonding and antifungal agents	Goulis P.
15:20	14:20	16:20	Oral session VIII: Synthesis and Medical Technology	Microbial Degradation of Phosphate Functionalised Polyurethanes	Siddique N.
15:35	14:35	16:35		Break/buffer	
15:40	14:40	16:40		Fabrication and Characterization of PCL/PLGA Coaxial and Bilayer Fibrous Scaffolds for Tissue Engineering	Bazgir M.
15:55	14:55	16:55		Investigation of in situ polymerization key process parameters for poly(urea-formaldehyde)-based encapsulation systems	Zotiadis C.
16:10	15:10	17:10	Poster session II	Poster session	
16:40	15:40	17:40	Oral session IX: Electrostatic Composites	Carbon-based composite materials processed by Selective Laser Sintering for electrostatic discharge applications	Lopes A.
16:50	15:55	17:55		Carbon fiber reinforced polycarbonate for electromagnetic shielding: Experimental and theoretical approach	Martins L.
17:10	16:10	18:10	Closing words	Closing words of PPI conference	Cardon L.

Poster sessions – Tuesday-Wednesday 16:00 – 16:30 CET

All poster session will be hosted parallel during the two timeslots reserved for poster sessions. To attend the sessions, go to [this link](#) and explore the poster booths in the virtual garden.

Title	Author
3D Additively Polyester based Cranioplasty	De Santis R.
Compatibilizers for mechanical recycling: a molecular driven insight	Edeleva M.
Concept for a design from and for recycling workshop of non-household plastic waste	Kleinhans K.
Sustainable design of polyamide powder bed fusion	Dobbels M.
A systematic investigation regarding mesh sizing for extrusion- based additive manufacturing	Van Waeleghem T.
A CFAM preliminary study on comparing mechanical properties of printed parts	Baddour M.
Hybrid Moulds: a real case study	Pereira A.
Analysis of the dehumidify effect on polymeric materials for FDM process	Silva C.



Gather town – booth lay-out

