APPLICATION FORM - Submission Details

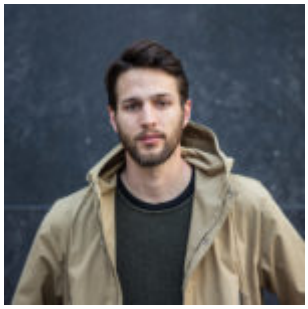
Submission Date : 28/02/2019 11:32 am

Unique Submission ID	34
Terms and Conditions acceptance	Yes
First Name	Miloš
Middle Name	
Last Name	Ristin
Artistic Name	
Team Members	1
Nationality	Swiss
Gender	Male
Date of Birth	
Mobile Number	
Country	Switzerland
State / Province	Zürich
Town / City	Zürich
Street Address 1	
Street Address 2	
Postcode / Zip	
University (just for students)	
Document	
Document Number	

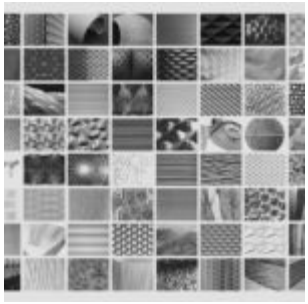
Prize Category	Design
Project Title	Low Five | Monomaterial Shell Chair | Research
Source of the used material	Lankhorst (PP Shell), SekiSui (PP Foam), Kvadrat (PP Fabric)
Type of plastic involved	Polypropylene
Other materials involved	CNC-formed aluminium tubes
Years of production	2014-present
Edition	Unedited
Weight and Dimensions	5.3 kg | 80cm x 80cm x 80cm
Manufactured by	Prototype / Self produced
Describe your project accurately and how you developed your idea	Low Five, a low chair for indoors and outdoors adapts to the need for lightweight, recyclable and environmentally conscious furniture. The seat is a fully recyclable monomaterial-shell, consisting of a thermoformed PolyPropylene composite, a PP foam and a PP fabric, without use of thermoset glues or harmful chemicals. The structure is made of freeform-bent aluminum, combining the legs and the frame in one workstep. Profound material research and the collaboration with various industrial companies proved to be a very satisfying, instructive process tackling real industrial constraints and possibilities, leading to an innovative, promising concept. The project forms an ongoing hands-on research, which started with my Master's degree at ECAL, aiming to provide strategies and solutions by using fully recyclable materials, without neglecting the high expectations on aesthetics, haptics and functionality. Next to the design expectations on the product itself, I focused on the research and systems of those Monomaterials - combinations of the same recyclable material, without bonding additives, capable of fulfilling different functions (structure, comfort, aesthetics and haptics). The possible applications of this knowledge and material combinations is to be extended on different consumer product categories, while maintaining the concept of using the one same material in different states. this reduces the need of material separation at the end of the product cycle and highly simplifies the recycling process.

Picture 1 - Cover

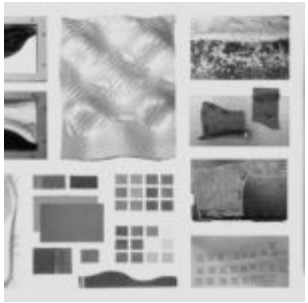
Picture 2 - Designer Portrait



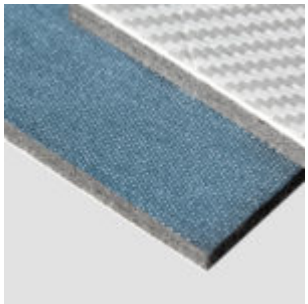
Picture 3



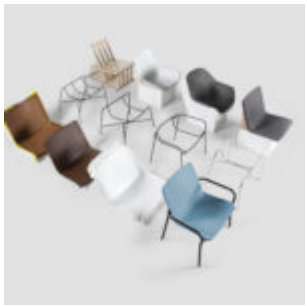
Picture 4

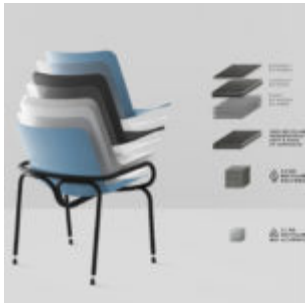


Picture 5



Picture 6



Picture 7	
Picture 8	
Picture 9	
Picture 10	
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