



Courtesy of Nagami Design

For its first presentation at the Salone del Mobile, Spanish brand Nagami showcased a seating collection designed by the likes of ROSS LOVEGROVE and Zaha Hadid Architects and made with the company's digital 3D-printing software. Lovegrove's Robotica TM combines the natural geometries of botany with the hyper-precise capabilities of electronics.

rosslovegrove.com



Courtesy of Polymaker

The ambitious project of Italian car manufacturer XEV and 3D-printing company POLYMAKER resulted in LSEV, the first 3D-printed electric automobile. The lightweight high-grade plastic used to make the vehicle encouraged the engineers to reduce the number of printed components from over 2,000 to 57. This combination of mass-scale manufacturing and easily accessible design can be adapted to the operations of countless other industries.

polymaker.com

Novel FASTENING METHODS liberate makers from nuts and bolts

FURNITURE – When it comes to furniture and other interior objects, a large portion of a design is determined by its production method – approximately 70 per cent, to be precise. This year's Salone del Mobile saw brands break with protocol, however. A host of designers, both notable and novice, challenged current processes with unusual solutions that promise to change how their work – and that of others – is manufactured. Inspired by sources from science to sportswear, they opted for techniques that push the boundaries of materiality. The implications could have a major impact on how we fabricate furniture in the future, as well as on how the pieces are formed. – MEO

Utrecht-based collective ZWARTFRAME exploits the physics of nature in Conflict, a set of self-fastening materials engineered from metal and plastic. Thanks to a clever manipulation of temperature, the materials expand, contract and interlock. Presented in collaboration with Dutch Invertuals as part of the Mutant Matter exhibition in Milan, Conflict proposes a smart and cost-effective alternative to traditional production methods.

zwartframe.nl

Ronald Smits, courtesy of Dutch Invertuals