



Nautech

YACHT, SUPERYACHT, TECHNOLOGIES AND DESIGN



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Greywolf, designed by Efthimia Galanitsa, Lucia Tizzano, Ho Joon Choi, Michiel Vermeylen and Thibaud Le Merdy, is centred on making the most of natural light, exterior spaces and the possibility of integrating



Trends in the Master in Yacht Design

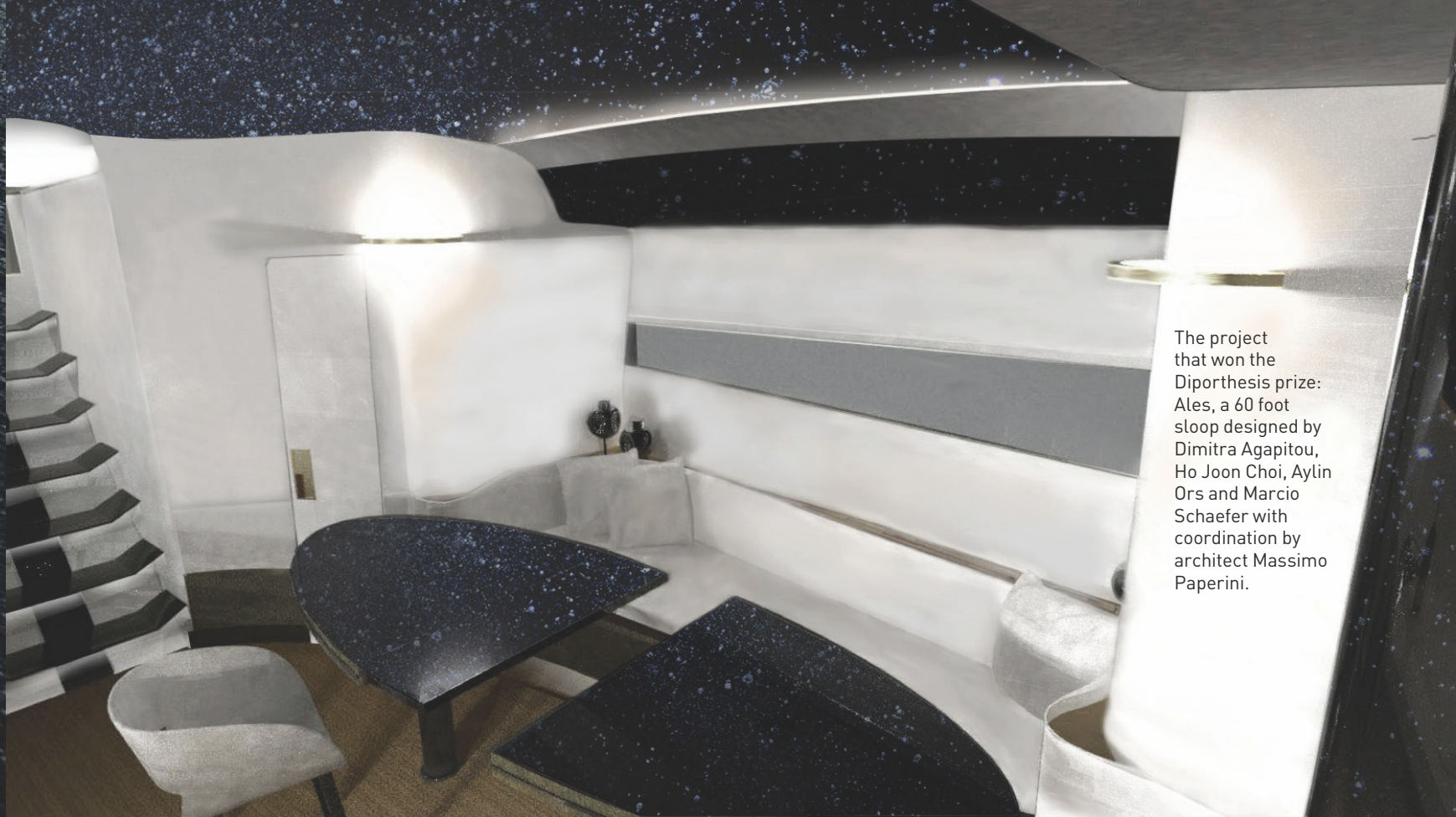
Young designers produce extremely innovative ideas in the yacht design field.

Transparency, reflections and the play of light stand out in the projects presented in the Milan Polytechnic Master in Yacht Design, which now in its 16th edition brings together the most interesting international talents. This is demonstrated by the recognition obtained by the students in the 56th Genoa Boat Show and the 2016 Montecarlo Boat Show in the Diporthesis and Yacht Design Talent Award competitions.

Trends

The contemporary yacht design panorama sees vessels growing in size and increasingly resemble modern floating villas. The interior design too is paying attention to metropolitan language and material scenography, modifying the traditional aesthetic codes of yachting. In this context the lighting project – be it artificial or natural – assumes a leading role in the creation of the yacht design project, laying down the character of the vessel. In a custom project, the role of lighting is to create unique atmospheres that can astonish and highlight the architectural shapes of exteriors and interiors both at sea and close to dry land.

In this way the lighting design project has a direct relationship with the precious materials of the interiors to create reflections and unique environments highlighted by the action of wind and waves. In addition, the relationship with large glazed surfaces allows the designer to create different scenarios according to the time of day for a naturally relaxing effect in harmony with the marine environment or to highlight the impact of the play of light on the water. An example is the project that won the Diporthesis prize, Ales, a 60 foot sloop designed by Dimitra Agapitou, Ho Joon Choi, Aylin Or and se Marcio Schaefer, coordinated by architect Massimo Paperini. This custom vessel with its elegant and sporting exterior lines expresses all its character in the relationship between the interior and exterior of the main saloon. Here, a ceiling glazed with LCD Glass technology permits complete lighting of the interior by day and an unusual view of the sky. Natural light becomes directly part of the interior project, reflecting on the different furnishing materials and changing the chromatics of the environment. The different degrees of brightness, shininess and light absorption of the materials chosen emphasises the curved shapes and gives



The project that won the Diporthesis prize: Ales, a 60 foot sloop designed by Dimitra Agapitou, Ho Joon Choi, Aylin Ors and Marcio Schaefer with coordination by architect Massimo Paperini.

depth to the environments. In addition, the use of LCD Glass and digital technologies for geo-localisation and for the creation of augmented reality environments makes it possible to project suggestive nocturnal scenarios for an intimate and fascinating experience of the surrounding natural environment.

A transparent superstructure recalling the glass sculptures of contemporary skylines is the fulcrum of the Leirus 60' project by Sena Osman, Gowtham Selvan and Alejandro Crespo, also developed within the Polytechnic Master programme. Strongly recalling the shapes of modern architecture, this 18 m sailing yacht uses light and transparency as design materials. Natural light exalts with its reflections the prismatic surfaces of the glass in the superstructure creating reflections that move constantly both underway and at anchor. In contrast with the large glazed surfaces, the design of the artificial light sources aims to create an environment with gentle and relaxing tones with small courtesy spotlights incorporated flush into the furnishings and interior walls.

In conclusion

Finally, the design of the motorboat Greywolf, by Efthimia Galanitsa, Lucia Tizzano, Ho Joon Choi, Michiel Vermeylen and Thibaud Le Merdy, is centred on making the most of natural light and exterior spaces and the possibility of integrating technical and living spaces, as represented by the touch and go helipad. This 40 meter explorer, designed with coordination by yacht designer Massimo Gregori, has generous openings aft with spa areas, a solarium with jacuzzi and a Cinemark area with a projector positioned in the rollbar of the flying bridge. The use

MYD - Milan Polytechnic

The 16th edition of the Master in Yacht Design promoted by the School of Design of the Milan Polytechnic in collaboration with the POLI.design consortium is now starting. Several young professionals from different specialisations will take part, with a programme of more than 800 hours of classroom lessons and stage experiences. The trend of recent years has been reconfirmed, with more than 70% of overseas students coming both from emerging countries, where there is great growth in the yachting sector, such as China, South Korea, India and the Middle East, and from consolidated realities such as Germany, Spain and Turkey. The presence of a large number of foreigners in the Master is an important achievement both for the Milan Polytechnic and for the entire Italian yachting sector, which shows it is the centre of international training and design dynamics. The course aims to supply the instruments needed for designing both sailing and motor yachts, thanks to specific modules ranging from the fundamentals of fluid dynamics and naval architecture to interior design, without ignoring constructive and legislative technological aspects. Thanks to widespread collaboration with boatyards, professional studios and related companies, the Milan Polytechnic Master in Yacht Design is a vehicle for cultural and design innovation that supports the growth of the yachting industry that absorbs the professionals it trains. www.polidesign.net/myd

of reflecting materials and hidden artificial light sources makes it possible to create plays of light and reflections both by day and in the evening. In addition, the extensive glazed areas of the main saloon and master cabin create a continuous relationship with the exterior and with the natural environment, highlighting even more the character of an explorer vessel.