

2014

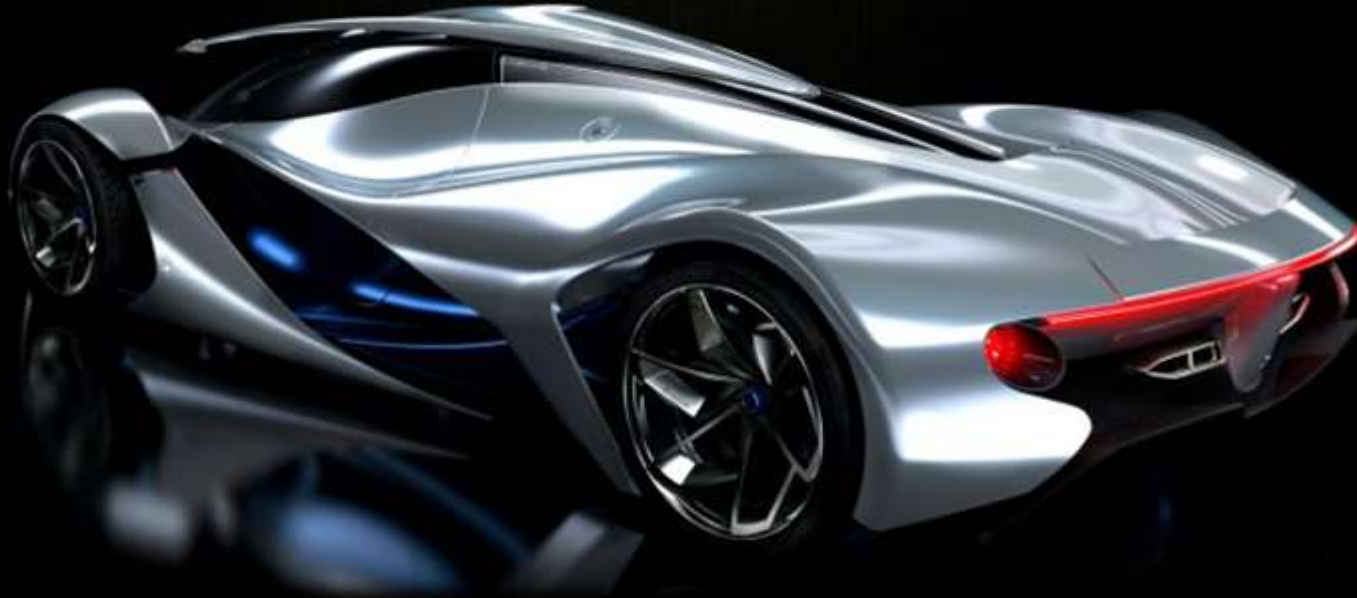
FEBRUARY
EDITION

DAuto NEWS LETTER

Design engineers turn designs into reality. Without them, a great idea but nothing more than, well, a great idea.

LAMASERATI CONCEPT

LaMaserati is a study of a hypercar based on LaFerrari's platform and focused on driving sensations.



"The airflow inspired bodywork is designed with a focus on smooth, unbroken lines and fluid surfaces wrapping around the wheels, creating a contemporary and dynamic aesthetic."

Lightness, handling and a more analogue driving feel take priority over power and overall speed. "The smooth curves, sweeping windscreen and aggressive front fascia along with the classic Blue and White colour scheme tie LaMaserati aesthetically to the Maserati range and the company's heritage."



MCLAREN 650S COUPÉ

At the upcoming Geneva Motor Show McLaren will unveil the 650S Coupé, a new model positioned above the 12C. It will be available in Coupé and Spider version

Unique door blades behind the front wheels direct air from the trailing edges of the front splitter, further benefiting front-end grip and vehicle balance.



The design is inspired by the McLaren P1, and previews a new family design language. The front bumper gives the McLaren 650S a dramatic, yet clean appearance and sits below new LED headlamps which reflect a similar look to the McLaren P1. The more integrated front splitter contributes to increased levels of downforce, giving a greater level of steering feeling and confidence to the driver on turn-in.



MCLAREN 650S COUPÉ

The more integrated front splitter contributes to increased levels of downforce, giving a greater level of steering feeling and confidence to the driver on turn-in.

A feature of the system is the ability to adjust the ride and handling modes – Normal / Sport / Track – in isolation from the drive train, which gives complete freedom in terms of ride and handling. These settings, for both power train and suspension, have been recalibrated to improve driver engagement. The updates are especially noticeable in Sport mode.



Unique side intakes behind the dihedral doors feed large, efficiently packaged, radiators which help provide the cooling requirements of the mid-mounted, compact engine. A new design five-spoke lightweight forged '650S' alloy wheel is unique to the model, and are fitted with specific Pirelli P Zero Corsa tires.

BMW 2 SERIES ACTIVE TOURER

BMW has finally revealed the production-ready 2 Series Active Tourer, the first front-wheel drive model of the company.



These include a blunter nose, the absence of the distinctive side view mirrors and door handles replaced by more conventional elements the introduction of roof bars and the absence of chromed contours for the front and side air openings and for the tail exhausts. The LED daytime driving lights cut across the top of the twin round headlights, giving them a very road-focused look. As an option, efficient bi LED lights are available for the dipped and main beam.



The interior is light and surprisingly spacious. Despite very compact exterior dimensions, with a length of 4,342 mm, a width of 1,800 mm and a height of 1,555 mm, the roomy interior provides comfortable seating for five people, and thanks to the large glass area is also light and airy throughout.

AUDI A3 CABRIOLET

“MINI will unveil the Clubman Concept, exploring a new version of its Clubman model with increased dimensions for greater interior comfort.” As with all MINI models and concepts, the main proportions, surface treatment and stance are the typical of the brand, with very short overhangs, linear shoulder and roof lines, oval headlights, and hexagonal grille, the side scuttles, and the surrounding black band. The interior greatly benefits from the increased dimensions and offers seating capacity for five passengers. The spatial effect is underlined by the design layout, with multiple levels and surfaces and floating elements.



IED PREVIEW THE HYUNDAI PASSOCORTO CONCEPT

The PassoCorto (which means “short-wheelbase” in Italian) was the final thesis work of the students from the Master in Transportation Design – work experience IED Turin. Hyundai Design Center Europe gave a design brief, asking students to target young potential customers who are always connected, the so-called generation Y, and to include themselves, creating a car that would be on top of their list for buying and driving.



The design team behind the PassoCorto included sixteen students, coordinated by Luca Borgogno, Lead Designer Pininfarina. As IED reports, the concept is the result of a process marked by various assessment stages, simulating a real working situation.

All the students submitted their own proposal; the two that were best able to respond to the initial brief were selected and “merged” together into the final version which combines approximately 70% of one proposal and 30% of the other.

FORD REVEALS RESTYLED FOCUS

In the late '70s, Ford commissioned carrozzeria Ghia to build a concept car based on the Fox platform to help promote its third generation Mustang



To improve the handling, the wheelbase from the Fox was shortened by 142mm, the track was widened by around 25mm at the rear while the ride height was increased for off-tarmac stages of European rallies. Two seats were considered ample, so the rear seats were thrown out which, combined with the plastic body panels, contributed to keeping the car as light as possible. aerodynamics was a strong focus of the design, evident in its smooth surfaces, rear spoiler and oversized integrated side skirt. And don't be fooled by the hexagonal doors, they're not made of glass – on a rally car that would've been lethal. It's a large piece of Plexiglas bonded over the door panels, but the illusion still works. Under the bonnet is the post-recession 2.3-liter four-cylinder turbo from the production Mustang, producing an underwhelming 132bhp.

RENAULT PREVIEWS NEXT-GENERATION TRAFFIC

Renault has released a design sketch that anticipates the styling direction for the next generation Traffic light commercial vehicle's.



"Its lines embody Renault's new brand identity. My aim was to achieve a dynamic, assertive stance without sacrificing either the robustness or user friendliness customers expect of their van".

The preview sketch showcases a modern design, with a front end characterized by an upright grille and elongated headlights, and side windows framed by beveled contours, which express a sense of robustness.

THE LOTUS C-01 MOTORCYCLE

Kodewa Performance Motorcycles (PMC) has unveiled the C-01, a stunning motorcycle licensed by Lotus and designed by Daniel Simon. It will be built in 100 units.



Powered by 200 hp V-twin engine, the C-01 has a sleek, distinctive body that integrates carbon fiber, titanium and aerospace quality steel.



The C-01 – the first motorcycle to bear the Lotus marque – has been officially revealed by Kodewa Performance Motorcycles after two years of development, with the first prototype now road-registered and ready. Frameless, tempered safety glass front windows Solar absorbing, laminated safety glass rear window with defroster. The C-01 will be produced in a very limited series of 100 units, each available in a wide range of styles, some of which pay homage to Lotus' sporting pedigree.

POLITECNICO DI MILANO — MASTER IN YACHT DESIGN 2013-2014

In the sailing boat workshop ample space was given to the conceptual development, with a small number of creative constraints and an emphasis on the exploration of innovative design solutions in support of sustainability.



This project also drew from the five-years experience gained from the experimentation with composites for nautical applications.

This allowed to build the hull using sandwich-structured composites made of linen, cork core and vacuum impregnation epoxy resins.

The hydrofoils located on the craft lift the hull up and out of the water, thus drastically reducing water resistance and increasing the boat speed.

The project was finalized with the adoption of a wing sail with variable profile, capable of generating a high efficiency asymmetrical profile, which at wind speeds of only 8 knots allowed the boat to sail twice as fast.

CHEVROLET ADRA

At the New Delhi Auto Show GM has presented the Chevrolet Adra concept, a concept SUV developed by Indian designers at the GM Technical Centre-India (GMTC-I)



The Adra adopts the current global Chevrolet design language while addressing local customer expectations to cater to the next generation of Indian car buyers. It combines compact dimensions with SUV design elements, including a high ground clearance, all-around visibility, a high seating position and generous interior space.

"The Adra is a major achievement for our local designers, who conceptualized and designed the model from the ground up," said GM India President and Managing Director Lowell Paddock. *"It represents a new possibility for the fast-growing compact SUV segment."*

FORD logo meaning

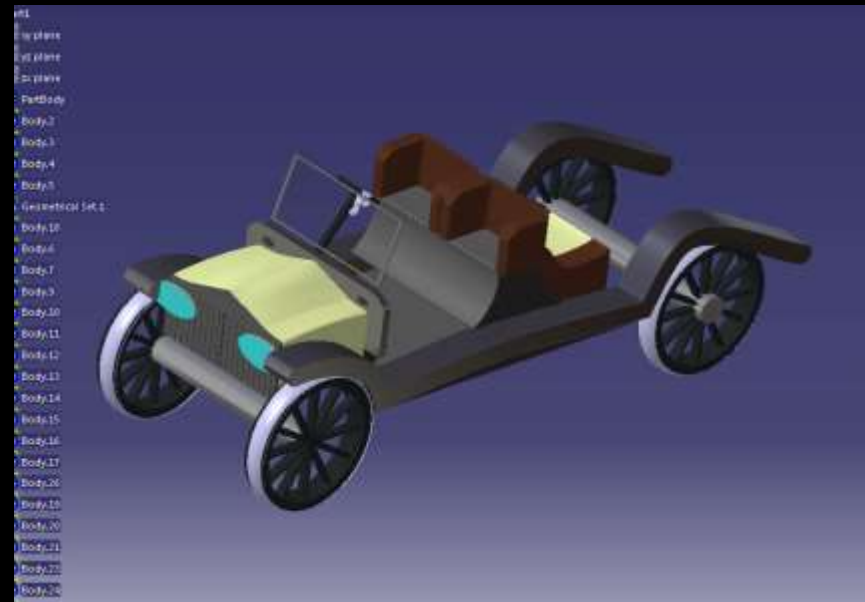


- The Ford logo has undergone various modifications throughout the years. Nonetheless, it is widely regarded as one of the greatest and most memorable car logos ever created.
- The original Ford logo was designed in 1909 by C. Harold Will. His calligraphy of this script-based corporate logo is still in use today. The current version of the Ford logo, often termed as “Centennial Blue Oval”, was first introduced in 1976. It was slightly modified in 2003, as part of the company’s 100th anniversary celebrations. The iconic blue oval mark is one of the world’s best-known corporate symbols.
- The oval shape has been incorporated since 1912 to advertise the Ford brand as the “hallmark for reliability and economy”.
- The use of blue color in the Ford logo symbolizes strength, excellence and grace of the company, whereas the white color depicts nobility, elegance and purity.

STUDENT'S CORNER



News from DAuto Family



This Vintage Car have been prepared and envisioned by Parag & Anuj (UIT RGPV, Bhopal) students of DAuto CAD School during the period of Software Training on CATIA V5.

For more info.9752006008/ 9981500100 E-mail us at: training@dauto.co.in

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News from DAuto Family



Plane
Jay & Nikhil
UIT RGPV, Bhopal

Students of DAuto CAD School during the period of Software Training on CATIA V5.

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