

2016

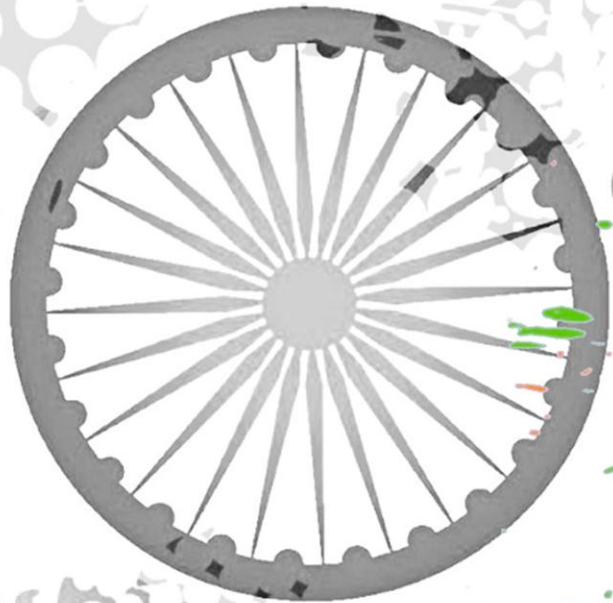
DAuto Newsletter

JANUARY EDITION



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

Let us come together
To salute
the Nation



Happy
Republic Day
26th January

Best
Wishes
On
This

Republic
Day

BOSCH AT CES 2016

At the CES 2016 Bosch will present a set of innovative technologies in the advanced connectivity, driving assistance and human-machine interfaces.



For example, if a pedestrian approaches from the right, a lighting sequence is triggered to alert the driver. Drivers' preferences as well as appointments in their diary are also taken into account in the integrated navigation system. For example, if an appointment is cancelled, the car will automatically indicate the route to the next appointment in the diary. The system also supports autonomous driving modes.

Among the technologies on display is the interior of the EDAG Cocoon show car: its dashboard and central console have been transformed into a single electronic display that shows different information depending on the vehicle's current surroundings.



Another recent development is a touchscreen that generates the sensation of real buttons using haptic feedback. This device can generate different surface textures, allowing elements to be felt on the display. This haptic feedback makes it easier to operate infotainment applications such as navigation, radio, and smartphone functions.

Often drivers will not even need to look at the information on the screen to control it –instead, they can keep their eyes on the road. The screen generates the feel of rough, smooth, and patterned surfaces to indicate different buttons and functions; to make a selection, a button needs to be pressed more firmly.

MANFRED FITZGERALD TO LEAD HYUNDAI'S GENESIS BRAND

Manfred Fitzgerald, former Director of Brand and Design at Lamborghini, has been appointed Senior Vice President for the newly established Genesis premium sub-brand.



Based in Hyundai Motor Headquarters Seoul, Mr. Fitzgerald will be in charge of establishing and executing strategies for the Genesis brand.

He will take a core role in brand strategy, marketing and other business operations within the Genesis brand.

During his twelve year career at Lamborghini, Mr. Fitzgerald, 52 years old, played a pivotal role in transforming Lamborghini from a prototype car company to a luxury car brand and increased its sales ten folds as the Director of Brand and Design.

Mr. Fitzgerald will be working alongside **Luc Donckerwolke**, who will lead the Genesis brand's Prestige Design Division as Head of the Hyundai Motor Design Center.



OPEL PREVIEWS THE NEW GT CONCEPT

Opel has released a series of teasers that preview a new sportscar concept scheduled to make its debut at the 2016 Geneva Motor Show.



The new GT Concept will collect the legacy of the GT model, first introduced in 1965 as a prototype and built in more than 100,000 units from 1968 and 1973, and follow the latest roadster model, in production from 2007 to 2009.



According to the company the new GT Concept will have an innovative design – it could adopt some of the styling cues showcased with the 2013 Monza Concept or it could draw inspiration from GM's recent Buick Avista Concept.

OPEL PREVIEW THE NEW GT CONCEPT

The latest teaser image shows a central double exhaust, and while Opel claims the car's design is in no way 'retro', the feature was a highlight the concept cars from both Vauxhall and sister brand Opel in the mid-1960s, and namely the Vauxhall XVR presented at the Geneva Show in 1966 and the Opel Experimental GT shown at Frankfurt in 1965.



"Both the prototypes were ultra-modern, minimalistic and uncompromising, with a sculptural shape – a philosophy which also defines the design of the new GT Concept."



KIA TELLURIDE CONCEPT

Designed at the California-based Kia Design Center America (KDCA), the Telluride Concept is a full-size, seven passenger SUV with a bold, dominating design.



The debut of the Telluride Concept at the Detroit Motor Show, gives some hints on a possible future premium large SUV in the Kia's lineup.

The muscular look is further accentuated by the flared fenders stretching around massive 22-inch five-spoke wheels wrapped in 275/45R22 tires.

The design combines modern surfacing and details with more traditional proportions, defined by upright, almost boxy shapes, suggesting a tall, dominating stance rather than dynamism, in line with the more conservative nature of the premium SUV segment.



The Telluride is based on a modified Sorento chassis with a wheelbase stretched 11.9 inches to 121.3 inches. At 70.9-inches tall, 79.1-inches wide and 196.9-inches long, Telluride is 4.4-inches taller, 4.7-inches wider, and a sizable 9.5-inches longer than the current Sorento.



KIA TELLURIDE CONCEPT

At the rear, thin vertical taillights align with the modern design language of the SUV, while consistent styling cues across the front and rear door handles, hood scoops and dual exhaust tips enhance the vehicle's solid appearance.

The front doors and rear-hinged back doors swing open 90 degrees in opposing directions, making it easy to access the panoramic interior space.



The front end is characterized by a much larger version of Kia's signature tiger nose grille, complemented by recessed quad-LED headlamps, pronounced horizontal LED indicator lights, and an aggressive polished-metal skid plate below the bumper.

Another unique technology introduced in Telluride is Swipe Command – a thin, touch-sensitive, interactive band mounted to the second row center console – which allows rear-seat passengers to quickly scroll and select desired media by simply swiping their hand.

All four seats include a series of precise diamond-cut openings in the seatback, each embedded with Smart Sensors to capture a passenger's vital health information.



CAMAL RAMUSA CONCEPT PAYS TRIBUTE TO BERTONE

Ramusa is a project of a Hypersuv vehicle created by Turin-based design studio Camal and dedicated to Stile Bertone.



"The initial concept was born from the idea to intersect a disc-shaped volume with more technical elements rooted to the ground. Each vent, outlet or intake has been integrated into an aesthetic form, combining functionality with beauty; in a word, design."

The Ramusa (meaning "lizard" in Piedmontese dialect) aims at combining supercar-like performances with off-road capabilities. It is 4320 mm long, 2020 mm wide and 1300 mm high, and has a ground clearance of 250 mm.



The exterior look is characterized by flowing, sculptural lines that wrap an unusually proportioned package, defined by the relatively short wheelbase and the contrast between the reduced total height and the high ground clearance.

CAMAL RAMUSA CONCEPT PAYS TRIBUTE TO BERTONE

Among the distinctive features are the exposed carbon fiber elements, which include the subtly squared off wheel arches, the side sills, roof structure and front and rear lips.

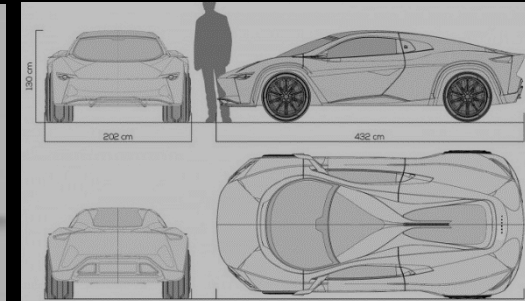
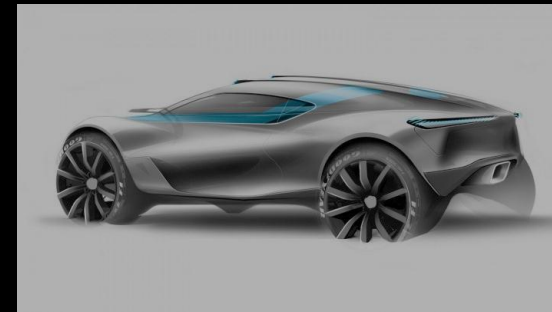
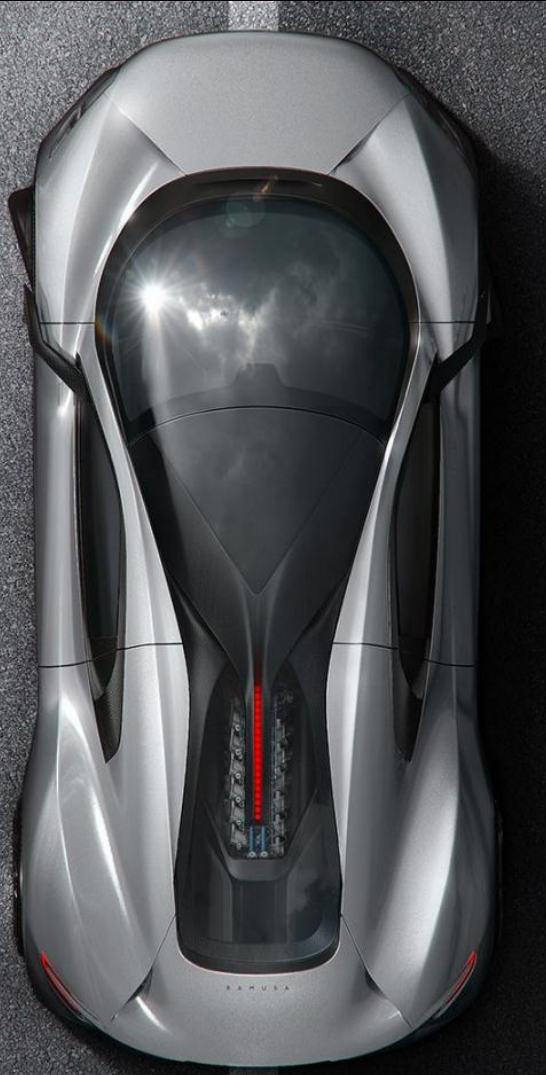
The front and rear lighting clusters front emerge from crevices in the body so as to not compromise the cleanliness of the volumes yet frame the four corners of the car.

The powertrain also integrates a hybrid system which powers the front wheels through a central electric motor activated during quick acceleration and limited traction.

The front end of the two-seater, mid-engine concept, is characterized by the absence of the traditional radiator grille which lends it an original identity.



The Ramusa is virtually based on the chassis and drivetrain of the Bugatti EB110 and its .e 3.5 liter, 60-valve V12 quad turbo, which is coupled with a 6-speed gearbox.



BUICK AVISTA CONCEPT

At the 2016 Detroit Motor Show Buick has revealed the Avista Concept, a 2+2 coupe that evolves the design language introduced with the Avenir.



The Avista design is focused on visual elegance and beauty, and showcases classic proportions typical of front-engine coupe GTs, with a long hood and muscular shoulders.

EyesOn Design Excellence Award
The Buick Avista Concept received the EyesOn Design Award for Design Excellence – Concept Car at a ceremony at the North American International Auto Show. It is the second consecutive year Buick received the award, which was assigned to the Avenir concept in 2015.



Marking the front and rear, Buick evolves its signature wing-shaped lighting with “soft curtain” elements that create illuminated “halos” around lamps’ edges, suggesting a three-dimensional shape and sculpture.

The absence of conventional B-pillars between the doors and rear side windows enhances the flowing profile.

The car sits on a 110.7-inch (2,811 mm) wheelbase and has 63-inch (1,601 mm) front/62.9-inch (1,598 mm) rear tracks, which along with the 21-inch wheels contribute to its sporty stance.

Their design forecasts the evolution of Buick’s production lighting features, while the Avista’s grille features the brand’s new winged tri-shield insignia set against a three-dimensional mesh background.

BUICK AVISTA CONCEPT

Like the exterior, the Avista's 2+2 interior is defined by flowing, uninterrupted lines, which integrate sophisticated technical details.

Among the distinctive features are surfaces produced using 3D printing, including fading pattern on the seats, console and doors that were inspired by waves receding at a beach's edge. The IntelliLink infotainment system presents touchscreen controls on a widescreen instrument panel display.



The center console also incorporates touchscreen controls and extends to the rear seating area.

A Superior Blue foundation color echoes the exterior and is complemented with Mist Gray leather seating inserts, console trim and door trim.

Exposed carbon fiber and aluminum accents throughout reinforce the precision of the performance-oriented driving experience.

"Waves, whether from the sea or in the sand, are all about motion and flow," said Nesbitt. "That's exactly what this concept is all about – flowing design and the purity of the driving experience."



CITROËN E-MEHARI: THE DESIGN

Developed in collaboration with the Bolloré Group, the Citroën E-MEHARI is an all-electric, 4-seater cabriolet with a fun, relaxed styling inspired by the original 1968 Méhari.

The E-Mehari project was started in March 2015 and completed under the direction of Citroën Design Director **Alexandre Malval** over the course of just nine months.



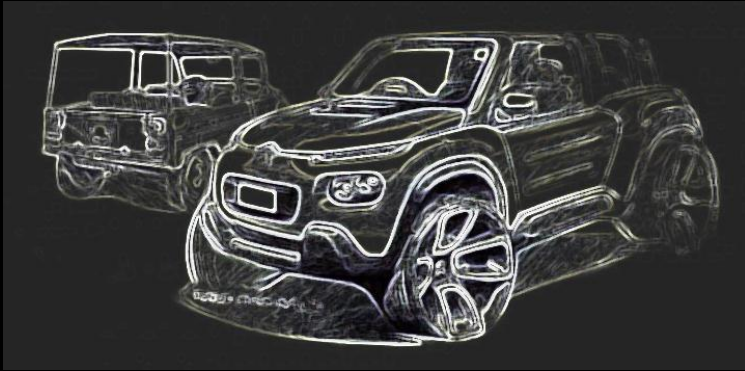
The soon-to-be launched electric car also evolves the idea of a modern “Mehari” anticipated at the past Frankfurt Show with the **Cactus M Concept**.



The main design theme was selected in June 2015 and the first car left the Rennes production plant in December, in time for the first official presentation.

With the E-Mehari, first introduced back in December and set to be launched this spring, the French carmaker confirms its ambition to offer cheery, optimistic vehicles that are quite different from many aggressively-designed cars of today.

CITROËN E-MEHARI: THE DESIGN



The E-Mehari is equipped with an all-electric drivetrain with battery technology based on the expertise of France's Bolloré Group.



Like in the 1968 Méhari, the car has a removable top closed at the side by a foldaway system with large windows.

Users can cover the front, the rear, the side or the whole vehicle.



The E-Mehari is 3.81m long, 1.87m wide and 1.65 m tall. It features a raised body and an off-road-like, rugged look, with black plastic protective surroundings,

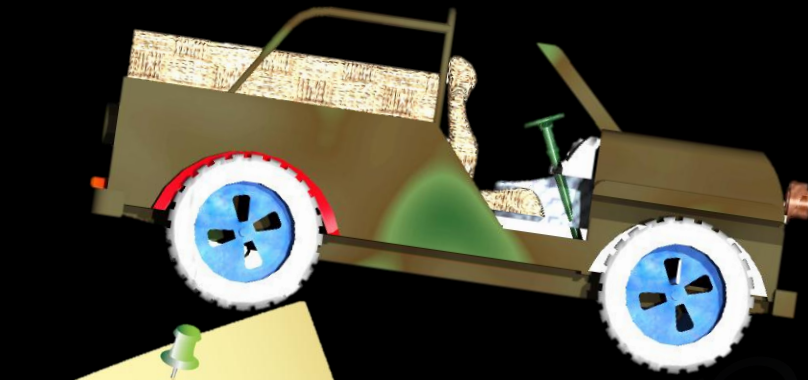
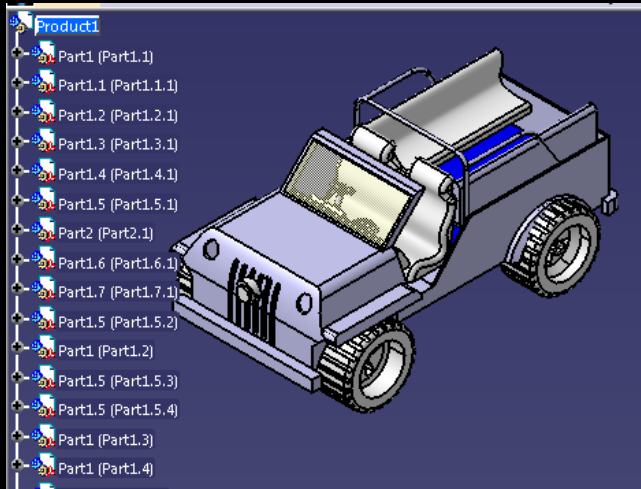
The LMP® (Lithium Metal Polymer) batteries allow to achieve a long range with performance, reliability and security. The main performances of the E-MEHARI are a top speed of 110 kph and a range of 200 km in the city.

Like the iconic predecessor, the new E-MEHARI is a four-seater convertible – with a folding rear bench – and features a plastic body – ABS in the 1968 Méhari, thermoformed plastic in the E-Mehari.

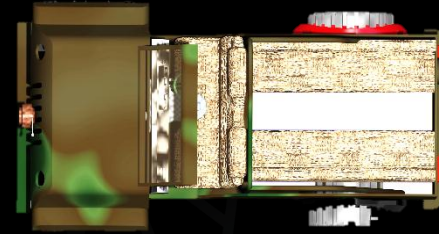
prominent wheel arches and vertical pillars, which stand out thanks to the silver finish.



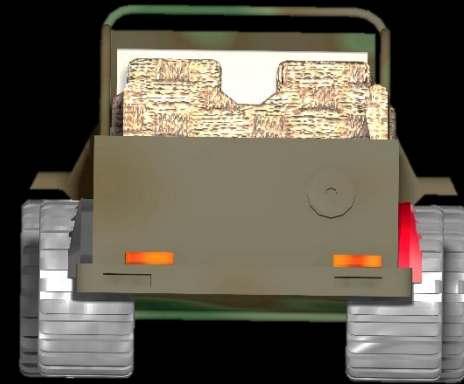
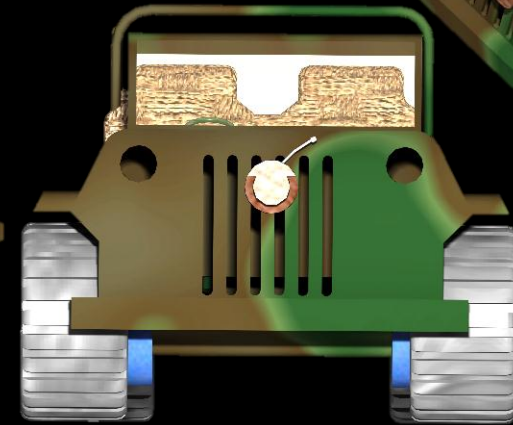
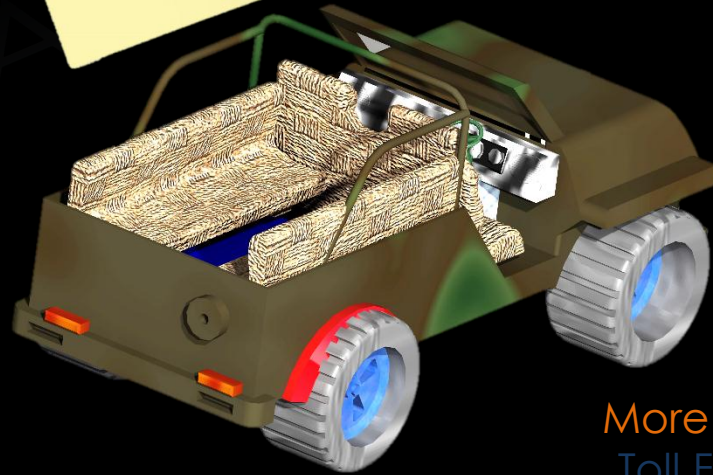
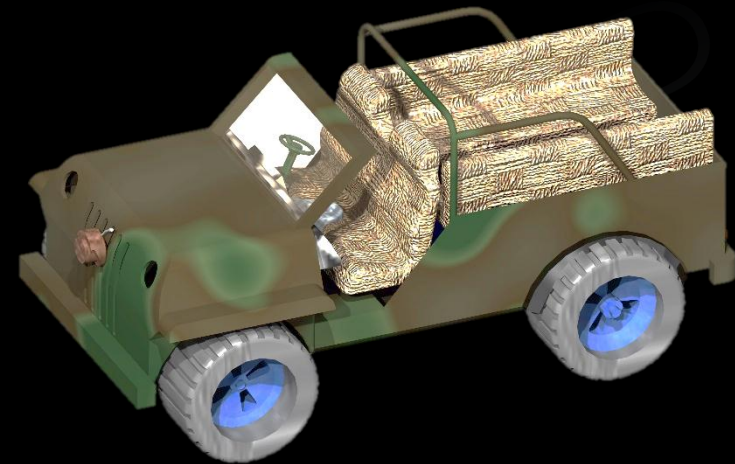
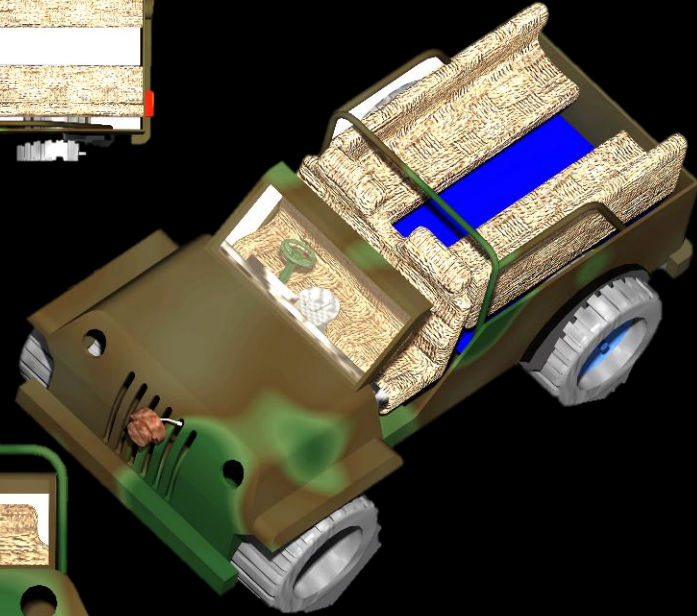
STUDENT'S CORNER



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