

BIG Trends CHINA Factor @CES 2022 大趋势与中国元素



CHINA EV & MORE

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A LITTLE about me

中国汽车要闻

Serving the World's Largest Emerging Automobile Market

UP 11.6%
CARS June sales were up 11.6 percent to new record. FTQ sales down 1.3 percent.

RECORD
Record new continues heavy-duty truck sales set June, Q2 and first half records.

SMART EV
Chinese smart EV startup Li Auto sales \$1.1 billion in Q2, FY.

China Automotive Review

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FROM THE CHIEF EDITOR

Goodbye and thank you!

Wol, farewell. It's hard to say goodbye. As hard as it is to believe, this is the last issue ever of China Automotive Review (CAR). For more than 15 years and 176 issues since January 2006, we have tried to bring you news, views, reviews, analysis and opinions on the world's largest auto market through this monthly tabloid style magazine, the only one of its kind available in the market focused exclusively on the Chinese auto industry (electronically delivered worldwide). Founded by my father and our honorary chief editor, Dr. Wayne King, CAR has no doubt accomplished its mission to offer readers the

whats behind the wheels of Chinese auto industry' through our first hand, on the ground and most importantly, independent reporting. For me personally, it has been a privilege to witness the profound transformation of the Chinese as well as the global auto industry over the past 25

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心有成竹·行有岗图

东风汽车产品战略图

Dongfeng sets sail on new VOYAH for high-end smart EVs

—by Lei Jing

VOYAH, which celebrated its 50th anniversary last year as China's second oldest auto brand, unveiled the Group's new smart EV brand, positioned as a "truly smart" high-end smart EV brand, on July 17. The EV brand concept debuted on July 29 when

VOYAH announced its brand strategy, providing a glimpse into the brand's future vehicles underpinned by so-called Electric, Smart & Secure Architecture (ESSA).

The announcements set off a new journey for the country's third largest automaker by sales in the new energy vehicle space and covered more than a year after rumors surfaced in April 2019 that it had been preparing for a high-end RPT project codenamed "Plan 111" that was not until more than a year later on May 6, 2020, when

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Lemon, tank & coffee: they are GWM's new tech brands

—by Lei Jing

BAODING—What do you get when you put lemons, tanks and coffee together? You get three new technology brands, two new modular platforms and a new smart paper for readability.

Great Wall Motor (GWM), China's leading SUV and pickup manufacturer, unveiled the three tech brands at an event held at the company's R&D technology Center in Baoding, Hebei Province on July 20. It also announced its intention to accelerate its transformation from a traditional Chinese automaker to a global

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25 years and ¥25 billion later, it's a new Continental China

—by Lei Jing

SHANGHAI—More than ¥25 billion. That's how much German supplier giant and technology company Continental Group has invested in China over the past 25 years since entering the world's largest auto market in 1994, averaging ¥1 billion each year.

With it in the market, for the market's strategy, Continental has achieved great success in business footprint and local R&D capabilities. The company now has 28 manufacturing bases and 18 R&D centers in China with about 24,000 employees, accounting for about a fifth of its global workforce of 240,000 people.

"The 25-year anniversary is a milestone and a new starting point," said **Enno Tang, president &**

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The Podcast

BIG Announcements



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BIG Soundbites



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“Consumer AV is the end game for the industry. By supporting the entire self-driving experience on a single, performance- and-power optimized chip, we can accelerate the timetable that makes consumer AVs a reality.”

— Amnon Shashua, Mobileye



BIG Soundbites



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“We are well on our way towards the broader vision of enabling the **un-crashable** car” and achieving a vision of **democratizing** safety”

-- Austin Russell, Founder & CEO, Luminar



BIG Soundbites

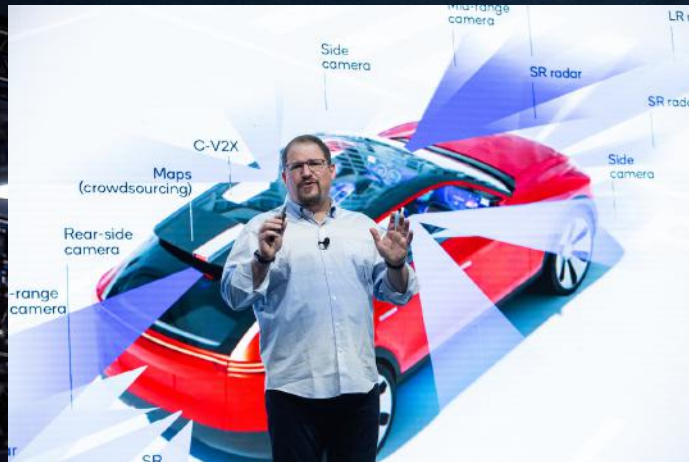


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Q: Are you a transportation company?

A: **Why not?**

-- *Christiano Amon, President & CEO, Qualcomm*



Accelerating the digital transformation of automotive

BIG on Efficiency



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BIG Winners



Working with all leading automakers

#1 in telematics, automotive connectivity and premium next-gen infotainment!

All major global automakers have selected Snapdragon OnStar platforms.

Digital Chassis gaining momentum with sensor-rich, control-centric, green, performance & automated driving, and parking & driver assistance.

\$13B design win pipeline*

Top Automakers Double Down on Mobileye

ADAS	AV	
Premium Driver Assist REM™ Enhanced ADAS Mobileye SuperVision™	Self-Driving System Mobileye Drive™ For public transport, goods delivery, etc. For consumer vehicles	AV Full Stack Mobileye Drive™ + Mobileye Layers™ Full Robotics use case.
Announced CES 2022 VW, Ford, ZEEKR	Announced CES 2022 ZEEKR, LufteV, Schaeffler, Transdev, Laoh	Announced CES 2022 moovit, SITA
Technology EyeQ®, TrueRedundancy™, 300° Camera, 300° Radar & LiDAR	Technology 3D+ Mapping, Responsibility Sensitive Safety, Mobility Layers	



“QMN”



“BIG 3” Chinese LiDAR



“RHI”



“BIG 3” Chinese LiDAR



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Brand	Model	# of LiDARs	LiDAR Supplier	Start of Deliveries
ARCFOX	Alpha S HI	3	RoboSense	December 2021
AVATR	11	3	Huawei	H2 2022
Feifan Auto	R7	1	Luminar	H2 2022
GAC AION	LX Plus	3	RoboSense	Q1 2022
HiPhi	Z	1	Hesai	Q2 2022
IM	L7	2	RoboSense	Q1 2022
Lotus	Type 132	1	RoboSense	H2 2022
NETA	S	3	Huawei	Q4 2022
NIO	ET7	1	Innovusion	March 28, 2022
NIO	ET5	3	Innovusion	September 2022
Polestar	Polestar 3/4/5	1	Luminar	2022/2023/2024
Salon (GWM)	Mecha Dragon	4	Huawei	July 2022
Volvo	XC90 EV	1	Luminar	2023
WEY	Mocha	3	ibeoNEXT	Q12022
WM Motor	M7	3	RoboSense	H2 2022
Xpeng	P5	2	Livox	September 2021
Xpeng	G9	2	RoboSense	H2 2022
ZEEKR	TBD	TBD	RoboSense	H2 2022
BYD	TBD	TBD	RoboSense	TBD

BIG on PAV/CAV



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BIG E-ffensive



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BIGGER Emersion



BIGGER Mobility



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BIGGER Autonomy



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BIGGER E-things



BIG Collaborations



BIGGER E-Van fleets



China on display



SUMMARY



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- Led by China: the world is **waking up** to China
EV/AV/Mobility
- Computing power wins as HW/SW democratizes
- Digital chassis/cockpit
- Immersive experience
- “ADAS” vs. “AD” (e.g. Ultra Cruise, City NGP, etc.)
- Is PAV/CAV the end game?
- From IoT to MoT
- “Chinese coming to America”

THANK YOU!



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