


www.racetechnomag.com **3**

July 2022 CONTENTS Issue 260



HYDROGEN ENGINES

Le Mans engine guru Baretzky big expectations for the world's smallest molecule

COVER STORY PAGE 28

ON THE COVER

28 HYDROGEN ENGINES
Like most engineers revered for achievements that changed the sport, former Audi engine chief Ulrich Baretzky has eyes only for the next challenge. But, asks Chris Pickering, what should that be?

38 PEUGEOT 9X8
Chris Pickering reports on the gestation of Peugeot's stunning 9X8 Hypercar, which will join the World Endurance Championship grid after Le Mans

62 WORLD'S FASTEST RX CAR
The fastest rallycross cars ever seen will headline the Nitro Rallycross Championship season-opener this month at Lydden Hill. Hal Ridge examines the new all-electric, four-wheel drive FC1-X

6 INDUSTRY NEWS
How Next Gen NASCAR was crash-tested at Talladega Superspeedway – by robots; Lamborghini bids for WEC and IMSA glory; Marelli helps Peugeot develop 9X8 hybrid powertrain; **Mission H24** buoyed by first race; McLaren coup opens up new fanbase for electric racing; ORECA signs deal with FEV to boost hydrogen ICE Dakar assault; Lamborghini unveils Huracán GT3 EVO2; Lotus returns to motorsport with Emira GT4; IndyCar introduces electronic marshalling system; NASCAR reacts to backlash over Le Mans entry

COMMENT

72 Peugeot's lion emblem is ready for its comeback to top-flight endurance racing. Sergio Rinland says this brave car rewards an equally bold set of rules

POWER TECH

20 Formula 1's bold aero overhaul earned great acclaim, but the introduction of sustainable powertrains will be a harder feat to achieve. Chris Pickering talks to F1 Chief Technical Officer Pat Symonds

AI TECH

46 Chris Pickering discovers how Jota Sport has benefited from its partnership with Monolith AI, which specialises in artificial intelligence for engineering applications

NEW CARS

52 Tatuus CEO Giovanni Delfino talks Craig Scarborough through the development of the new T-421, a car that brings the latest safety innovations to the F4 junior ranks

Volume 29 Issue 8
Published June 2022
The next issue will be published in early July 2022
ISSN 1356-2975

SUBSCRIPTIONS
Subscriptions from Kimberley Media Group Ltd
841 High Road, Finchley, London N12 8PT
Tel +44 (0)20 8446 2100
Fax +44 (0)20 8446 2191

Overseas copies are sent via air mail
12 issue subscription UK: £71.40
Europe: £118, USA/Rest of World: £149
All major credit cards accepted. Cheques and money orders only in Pounds Sterling payable to Kimberley Media Group Ltd.

BACK ISSUES AVAILABLE IN PRINT:
8,9,10,11,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,52,53,54,55,56,57,58,59,60,61,62,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259

Price including post & packing:
UK: £5.50, Europe: £6.50, Rest of World: £7.55
You can pay by cheque or credit card but please note the minimum on Switch & Delta is £14

Race Tech (ISSN: 1356-2975) is published monthly by Kimberley Media Group Ltd.

Cover photo: Toyota

Design & Production: Paul Bullock, Maluma

© Kimberley Media Group Ltd.

All rights reserved. Reproduction (in whole or in part) of any article or illustration without the written permission of the publisher is strictly prohibited. While care is taken to ensure the accuracy of information, the publisher can accept no liability for errors or omissions. Nor can responsibility be accepted for the content of any advertisement.

July 2022 Issue 260 racetechnomag.com 3