RACECARD

2018 FIA WEC

FIA WORLD ENDURANCE CHAMPIONSHIP

6 HOURS OF **SHANGHAI**

-

NOVEMBER 18, 2018

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ROUND 5: **2018/2019** FIA WORLD ENDURANCE CHAMPIONSHIP

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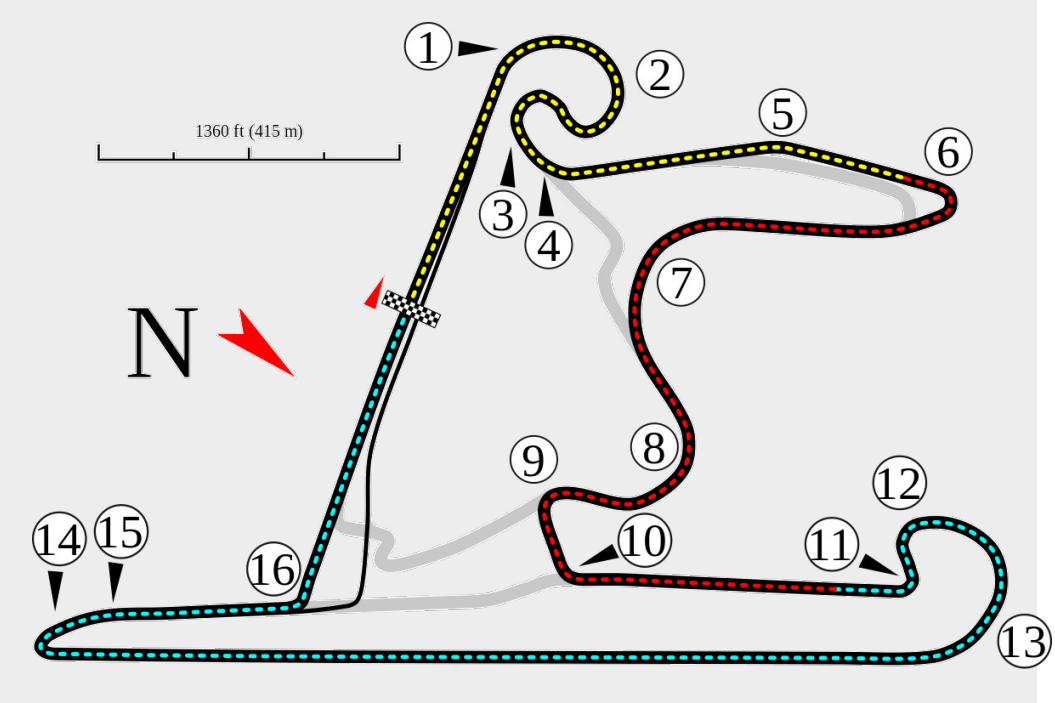
CHINA

SHANGHAI INTERNATIONAL CIRCUIT

35 ENTRIES	5.451 KM	16 TURNS	CLOCKWISE



- Situated in northwest Shanghai's Jiading district
- Designed by Hermann Tilke
- A 'Hi-Tech' circuit inaugurated in 2004 and visited by the FIA WEC since 2012
- Built on former marshland
- Features a blend of straights and tightening turns

THE 2018 6 HOURS OF SHANGHAI

- The last 2018 fixture of the 2018/2019 FIA WEC
- Toyota/Michelin has won the 6 Hours of Shanghai 3 times
- Ferrari/Michelin has never won the LM GTE Pro class at Shanghai
- Corvette Racing/Michelin's first FIA appearance (excluding Le Mans, Sebring and COTA)

TIMETABLE (LOCAL TIME)

FRIDAY, NOVEMBER 16		
8:00am	115 min	LMP1 Tyre Test
11:00am	90 min	Free Practice 1
3:30pm	90 min	Free Practice 2
SATURDAY, NOVEMBER 17		
9:50am	60 min	Free Practice 3
2:00pm	20 min	LM GTE qualifying
2:30pm	20 min	LMP qualifying
SUNDAY, NOVEMBER 18		
11:00am	6 h	6 Hours of Shanghai

2017 RACE

WINNERS
Buemi/Davidson/Nakajima (Toyota TS050 Hybrid/ Michelin), 195 laps

POLE POSITION
Conway/Kobayashi/Lopez (Toyota TS050 Hybrid/ Michelin), 1m42.832s

FASTEST RACE LAP
Sébastien Buemi (Toyota TS050 Hybrid/Michelin), 1m45.892s

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Porsche/Michelin clinches third straight FIA WEC title

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Bernhard/Hartley/Bamber add the Drivers' title to their score after winning Le Mans

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Ferrari/Michelin claims the GTE Manufacturers' title

MICHELIN

JÉRÔME MONDAIN

Endurance Racing Programme Manager, Michelin Motorsport

"Shanghai is arguably the toughest venue of the calendar as far as tyre wear and degradation are concerned because of its abrasive surface and tightening turns. The FIA WEC regulations make double-stinting mandatory in every class, and that's a big challenge at Shanghai."

"SHANGHAI IS ARGUABLY THE TOUGHEST VENUE OF THE CALENDAR"

MICHELIN **TYRES**

SLICK
MEDIUM - HARD

HYBRID

WET

6 HOURS OF SHANGHAI TYRE ALLOCATION

	SLICK Medium, Hard	HYBRID / INTER	WET
LM P1	31/71-18	31/71-18	31/71-18
	SLICK Medium, Hard	**INTERMEDIATE**	**WET**
LM P2	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18
	SLICK Medium, Hard	**DRYING WET**	**WET**
LM GTE PRO	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18
	SLICK Soft, Medium, Hard	**DRYING WET**	**WET**
LM GTE AM	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18

WIDTH (CM) / EXTERIOR DIAMETER (CM) X INTERIOR DIAMETER (INCHES).

FIA WEC TYRE QUOTAS

	Free practice	Qualifying + Race
LM P1*	12 tyres	18 tyres
LM P2	12 tyres	18 tyres
LM GTE PRO	12 tyres	18 tyres
LM GTE AM	16 tyres	26 tyres

WET TRACK

LM P1	Hybrid (Intermediate Slick)	Wet	Full Wet
LM P2	Intermediate	Wet	
LM GTE PRO	Drying Wet	Full Wet	
LM GTE AM	Drying Wet	Full Wet	

MICHELIN

MICHELIN AND THE 2018 6 HOURS OF SHANGHAI

- 31 of the 35 cars on Michelin tyres
- LMP1 cars: medium and hard slicks, plus a slick intermediate and rain tyre
- LMP2 cars: medium and hard slicks, plus an intermediate and rain tyre
- LM GTE Pro: medium and hard slicks, plus tyres for drying conditions and rain tyres
- LM GTE Am: soft and medium or medium and hard slicks, plus tyres for drying conditions and rain tyres

MICHELIN'S ENDURANCE RECORD IN CHINA

- In 2010 and 2011, Peugeot and Michelin won the 6 Hours of Zhuhai (International Le Mans Cup)
- In 2013, KCMG/Michelin became the first Chinese team to enter the Le Mans 24 Hours
- In 2008, Cong Fu Cheng became the first Chinese driver to take part in the Le Mans 24 Hours in a Pescarolo/Michelin
- The first round of the 2018/2019 Asian Le Mans Series will take place at Shanghai Circuit on November 23-25
- Michelin is the exclusive tyre supplier to the Asian Le Mans Series
- The first SIC888 endurance race was held at Shanghai Circuit on October 7

SHANGHAI TRIVIA

- Shanghai is the world's seventh biggest city (population: 24 million). More than 70 million people live in the greater Shanghai region
- Shanghai is known as the Pearl of the Orient
- 120 new skyscrapers are built every year in Shanghai. Shanghai Tower (632 metres/128 floors) is China's tallest building
- Shanghai is home to the world's biggest port
- Michelin's production facility in Shanghai employs a staff of 2,377
- The first edition of the Michelin Guide to Shanghai was published in 2017
- Shanghai has two three-star restaurants (T'ang Court and Ultraviolet by Paul Pairet)

MICHELIN

FIA WEC

ENTRY LIST
2018 6 HOURS OF SHANGHAI

LM P1

	N°1	**REBELLION RACING** • REBELLION R13 - GIBSON **JANI/LOTTERER/SENNA**	MICHELIN
	N°3	**REBELLION RACING** • REBELLION R13 - GIBSON **BECHE/LAURENT/MENEZES**	MICHELIN
	N°4	**BYKOLLES RACING TEAM** • ENSO CLM P1/01 - NISMO **WEBB/BINDER/TBA**	MICHELIN
	N°7	**TOYOTA GAZOO RACING** • TOYOTA TS050 - HYBRID **CONWAY/KOBAYASHI/LOPEZ**	MICHELIN
	N°8	**TOYOTA GAZOO RACING** • TOYOTA TS050 - HYBRID **BUEMI/NAKAJIMA/ALONSO**	MICHELIN
	N°10	**DRAGONSPEED** • BR ENGINEERING BR1 - GIBSON **HEDMAN/HANLEY/VAN DER ZANDE**	MICHELIN
	N°11	**SMP RACING** • BR ENGINEERING BR1 - AER **ALESHIN/PETROV/BUTTON**	MICHELIN
	N°17	**SMP RACING** • BR ENGINEERING BR1 - AER **SARRAZIN/ORUDZHEV/ISAAKYAN**	MICHELIN

LM P2

	N°28	**TDS RACING** • ORECA 07 - GIBSON **PERRODO/VAXIVIÈRE/DUVAL**	
	N°29	**RACING TEAM NEDERLAND** • DALLARA P217 - GIBSON **VAN EERD/VAN DER GARDE/DE VRIES**	MICHELIN
	N°31	**DRAGONSPEED** • ORECA 07 - GIBSON **GONZALEZ/MALDONADO/DAVIDSON**	MICHELIN
	N°36	**SIGNATECH ALPINE MATMUT** • ALPINE A470 - GIBSON **LAPIERRE/NEGRÃO/THIRIET**	
	N°37	**JACKIE CHAN DC RACING** • ORECA 07 - GIBSON **JAAFAR/TAN/JEFFRI**	
	N°38	**JACKIE CHAN DC RACING** • ORECA 07 - GIBSON **TUNG/AUBRY/RICHELMI**	
	N°50	**LARBRE COMPETITION** • LIGIER JSP217 - GIBSON **CREED/RICCI/GUIBBERT**	MICHELIN

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FIA WEC

ENTRY LIST
2018 6 HOURS OF SHANGHAI

LM GTE PRO

N°51	**AF CORSE** • FERRARI 488 GTE EVO **PIER GUIDI/CALADO**	MICHELIN
N°64	**CORVETTE RACING** • CORVETTE C7.R **GAVIN/MILNER**	MICHELIN
N°66	**FORD CHIP GANASSI TEAM UK** • FORD GT **MÜCKE/PLA**	MICHELIN
N°67	**FORD CHIP GANASSI TEAM UK** • FORD GT **PRIAULX/TINCKNELL**	MICHELIN
N°71	**AF CORSE** • FERRARI 488 GTE EVO **RIGON/BIRD**	MICHELIN
N°81	**BMW TEAM MTECK** • BMW M8 GTE **TOMZYK/CATSBURG**	MICHELIN
N°82	**BMW TEAM MTECK** • BMW M8 GTE **FARFUS/DA COSTA**	MICHELIN
N°91	**PORSCHE GT TEAM** • PORSCHE 911 RSR **LIETZ/BRUNI**	MICHELIN
N°92	**PORSCHE GT TEAM** • PORSCHE 911 RSR **CHRISTENSEN/ESTRE**	MICHELIN
N°95	**ASTON MARTIN RACING** • ASTON MARTIN VANTAGE AMR **SORENSEN/THIIM**	MICHELIN
N°97	**ASTON MARTIN RACING** • ASTON MARTIN VANTAGE AMR **LYNN/MARTIN**	MICHELIN

LM GTE AM

N°54	**SPIRIT OF RACE** • FERRARI 488 GTE **FLOHR/CASTELLACCI/FISICHELLA**	MICHELIN
N°56	**TEAM PROJECT 1** • PORSCHE 911 RSR **BERGMEISTER/LINDSEY/PERFETTI**	MICHELIN
N°61	**CLEARWATER RACING** • FERRARI 488 GTE **MOK/SAWA/GRIFFIN**	MICHELIN
N°70	**MR RACING** • FERRARI 488 GTE **ISHIKAWA/BERETTA/CHEEVER**	MICHELIN
N°77	**DEMPSEY-PROTON RACING** • PORSCHE 911 RSR **RIED/ANDLAUER/CAMPBELL**	MICHELIN
N°86	**GULF RACING** • PORSCHE 911 RSR **WAINWRIGHT/BARKER/DAVISON**	MICHELIN
N°88	**DEMPSEY-PROTON RACING** • PORSCHE 911 RSR **RODA/RODA/CAIROLI**	MICHELIN
N°90	**TF SPORT** • ASTON MARTIN VANTAGE **YOLUC/ADAM/EASTWOOD**	MICHELIN
N°98	**ASTON MARTIN RACING** • ASTON MARTIN VANTAGE **DALLA LANA/LAMY/LAUDA**	MICHELIN

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STANDINGS

LMP1 CHAMPIONSHIP

		BE	FR	GB	JP	CH	US	BE	FR	TOT.
1st	TOYOTA GAZOO RACING	26	39	1	26					92
2nd	REBELLION RACING	15	23	25	15					78
3rd	SMP RACING	10	0	15	12					37
4th	BYKOLLES RACING TEAM	12	0	0	10					22
5th	CEFC TRSM RACING	0	1	0	0					1
6th	DRAGONSPEED	0	0	0,5	0					0,5

LMP DRIVERS

		BE	FR	GB	JP	CH	US	BE	FR	TOT.
1st	FERNANDO ALONSO	26	39	0	19					84
1st	KAZUKI NAKAJIMA	26	39	0	19					84
1st	SÉBASTIEN BUEMI	26	39	0	19					84
2nd	JOSE MARIA LOPEZ	18	27	1	25					71
2nd	KAMUI KOBAYASHI	18	27	1	25					71
2nd	MIKE CONWAY	18	27	1	25					71
3rd	GUSTAVO MENEZES	15	23	25	0					63
3rd	MATHIAS BECHE	15	23	25	0					63
3rd	THOMAS LAURENT	15	23	25	0					63

GT CHAMPIONSHIP

		BE	FR	GB	JP	CH	US	BE	FR	TOT.
1st	PORSCHE	30	66	21	35					152
2nd	FORD	26	24	27	19					96
3rd	FERRARI	15,5	30	25,5	13					84
4th	ASTON MARTIN	14	16	16	11					57
5th	BMW	14	3	10	24					51

GT DRIVERS

		BE	FR	GB	JP	CH	US	BE	FR	TOT.
1st	KEVIN ESTRE	18	38	15	25					96
1st	MICHAEL CHRISTENSEN	18	38	15	25					96
2nd	OLIVIER PLA	25	23	9	4					61
2nd	STEFAN MÜCKE	25	23	9	4					61
3rd	ALESSANDRO PIER GUIDI	0,5	18	25	12					55,5
3rd	JAMES CALADO	0,5	18	25	12					55,5

MICHELIN

MICHELIN FIA WEC RANGE 2018/2019 SUPER SEASON

	SLICK Soft - Medium - Hard	HYBRID	WET	FULL WET
LM P1	31/71-18	31/71-18	31/71-18	31/71-18

	SLICK Soft - Medium - Hard	INTERMEDIATE	WET
LM P2	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18

	SLICK Soft - Medium - Hard	DRYING WET	FULL WET
LM GTE PRO	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18
LM GTE AM	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18	AV : 30/68-18 AR : 31/71-18

FIA WEC SPORTING REGULATIONS

FIA WEC grid orders for six-hour races are based on the average best qualifying times of each car's two nominated drivers (except at Le Mans)

Starts take the form of rolling starts after a formation lap

To be classified, a car must cross the finish line and complete at least 70 percent of the distance covered by the race winner

POINTS-SCORING SYSTEM (SIX-HOUR RACES)

1st, 25 points.
2nd, 18 points.
3rd, 15 points.
4th, 12 points.
5th, 10 points.
6th, 8 points.
7th, 6 points.
8th, 4 points.
9th, 2 points.
10th, 1 point.
Other finishers, 0.5 point
Pole position: bonus point (Drivers and Manufacturers)

FIA WEC TYRE REGULATIONS

Non-hybrid LM P1 and LM P2 cars: 3 types of slick for the season for all the cars / 2 types of slick to be nominated 48 hours before the Prologue test / 2 types of slick for each race (from the above 3) to be nominated 48 hours before the start of scrutineering (3 types of slick for Le Mans)

LM GTE Pro and LM GTE Am: 3 types of slick per model for the season / 2 types of slick to be nominated 48 hours before the Prologue test / 1 additional type of slick can be registered in the course of the season / 2 types of slick for each race (from the above 3) to be nominated 48 hours before the start of scrutineering (3 types of slick for Le Mans)

INTERMEDIATE AND RAIN TYRES

Can only be used if Race Control declares the track to be wet (free practice, qualifying, race). No quotas per race.

LM P2: 1 type of intermediate tyre and 1 type of rain tyre for the season for all cars entered 48 hours before the Prologue. The re-cutting of tread patterns is not authorised.

LM GTE Am: 1 type of intermediate tyre and 1 type of rain tyre per model entered 48 hours before the Prologue. The re-cutting of tread patterns is not authorised.

In the course of the season, a competitor may change tyre brand no more than once.

Penalty: a 3-minute Stop&Go penalty for tyre regulation breaches

A maximum of 4 mechanics and 2 tyre guns for wheel changes during pit stops. Tyre changes may now be carried out while the car is being refuelled.

1 tyre technician is authorised to carry out a visual inspection of the tyres and check their pressures.

Tyre changes are only authorised a) on the grid up to the three-minute board, b) in front of the car's garage during a pit stop or inside the garage in the case of longer work on the car, c) on the track if the race is suspended.

Tyres are identified by RFID chips and bar codes. All tyre serial numbers must be communicated to the Technical Delegates 48 hours in advance.

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