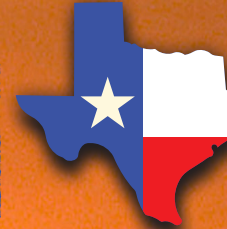




WORLD FINALS AUSTIN TEXAS 2013



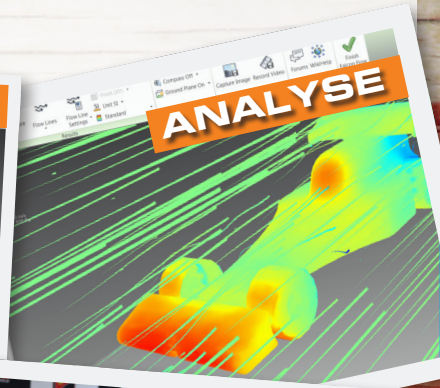
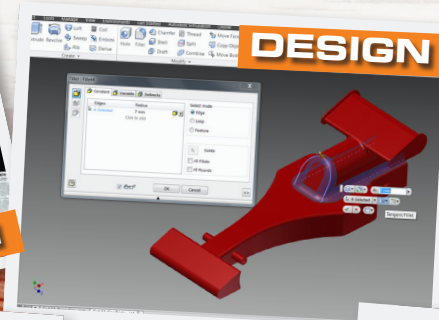
EVENT REPORT

THE 9TH F1 IN SCHOOLS WORLD FINALS WERE HELD IN AUSTIN TEXAS IN NOVEMBER 2013

in the week prior to the 2013 Formula 1 United States Grand Prix seeing 38 teams compete to be crowned World Champions.



Andrew Denford
Founder and Chairman of the F1 in Schools
Technology Challenge



THE CHALLENGE

Working in teams of between 3 and 6, each student is assigned roles. The team prepares a Business Plan, develops a budget and raises sponsorship. Teams are encouraged to collaborate with industry and forge business links.

Using 3D CAD (Computer Aided Design) software, the team designs a Formula One™ car of the future. Aerodynamics are analysed for drag coefficient in a virtual reality wind tunnel using Computational Fluid Dynamics (CFD). Using 3D CAM (Computer Aided Manufacture) software, the team evaluates the most efficient machining strategy to make the car.

Aerodynamics are tested in wind and smoke tunnels.

Teams are judged on car speed, as well as supporting evidence of their design, verbal presentation and the marketing display stand in 'the pits'.

Teams compete regionally, nationally and internationally for the Bernie Ecclestone F1 in Schools World Champions Trophy

"This was our biggest and best event yet. I'm always amazed by the professionalism, innovation, engineering capabilities and overall dedication shown by the World Finals teams. This year there was an incredibly high standard of work and it made it very difficult to judge. A1 Racing shone out from their rivals and deserved all their success and the World Champions title."

"But it is not only the academic excellence that we have seen at the World Finals, F1 in Schools changes lives around the world and these young adults will have formed friendships which will last a lifetime. I know that they will all have learnt life skills which will be invaluable throughout their careers and I'm very proud to have been able to give these great students this opportunity."

MASTER OF CEREMONIES



It's a great pleasure and privilege to be involved with the F1 in Schools World Finals and this year it was a fantastic event. The students work so hard on their cars, their displays and all the other elements of the competition and are excellent competitors. There is as much camaraderie as there is competitive spirit and being a part of this event is very rewarding for me. I especially enjoyed seeing how the students coped with the Pressure Challenge which was introduced for the first time this year and really had the students scratching their heads, having to complete a task within a strict time limit. And the students rose to the challenge so well, with some great results. F1 in Schools World Finals is a great experience for the teams and I congratulate them all for making the event such a success.

David Croft
Sky Sports F1 Commentator

CHAIR OF JUDGES



It's been an outstanding World Finals with such high standards of work. The effort, commitment and dedication which all the students put in to their cars is phenomenal, as well as the depth of research, innovation and engineering which goes way beyond the classroom learning. Each year I always see new approaches, new materials and ideas and this year was no exception, with some fascinating cars which really stretch the boundaries - and challenge the judges! Well done to all the students who competed and congratulations to our new World Champions, A1 Racing.

Gary Anderson
BBC F1 Technical Analyst



COMPETING TEAMS AND COUNTRIES

TEAM NO.	TEAM NAME		COUNTRY	SCHOOL NAME
T01	Safire Blue Bullets Racing		Greece & UAE	German International School Dubai
T02	STG Racing		Scotland	Craigroyston Community High School
T03	FyreFliers		Singapore	River Valley High School
T04	Adroit Infinitum		UAE	The Indian High School, Dubai
T05	Bardahl Racing		Ireland	St. David's Holy Faith Secondary School
T06	ALLEGIANCE RACING		USA	Southeast High School
T07	Popcom		UAE	Al Shohub School & Dubai British School
T08	Strike Automobiles		UAE	The School of Research Science
T09	X-Shift		Singapore & UK	Raffles Girls' School & Wilmington Grammar School for Boys
T10	Vector One		Canada	Crocus Plains Regional Secondary School
T11	Red Set Racing		UK	Sprowston Community High School
T12	Team Ooredoo Oryx		Qatar	Doha British School
T13	Unlimited Acceleration		Germany	Lessing-Gymnasium Winnenden
T14	ISSA Racing		Czech Republic	Integrovaná střední škola automobilní & Gymnázium J. K. Tyla
T15	Revival Plus		Germany	Gymnasium Grootmoor
T16	The Queenz		South Korea	Wabu High School
T17	X ² Racing		China	Western Academy of Beijing
T18	Surge		Germany & Portugal	Mönchsee-Gymnasium & Colégio de S. Miguel

TEAM NO.	TEAM NAME		COUNTRY	SCHOOL NAME
T19	Petronas Tritan Racing		Malaysia	SMS Hulu Selangor
T20	Immense		Qatar	Doha British School
T21	Falcon F1		Wales	Connah's Quay High School
T22	Falcon Team		Portugal	Escola Técnico Profissional de Cantanhede
T23	Ground Force Project		Greece	S. Avgoulea-Linardatou Private School
T24	Tempest		England	St. John Payne Catholic Comprehensive School
T25	Six & Plus		Cyprus	Saint George's High School
T26	Lone Star Racing		USA	W. Charles Akins H.S. T-STEM Academy & Granbury High School
T27	Levitaze		India	Delhi Public School, R.K Puram
T28	Imperia		USA	Manheim Township High School
T29	The One		South Korea	Shinjin Auto Mobile High School
T30	Speed Deamons		Greece	Ellinogermaniki Agogi
T31	Spexlit		Malaysia	SMK Sultanah Hajjah Kalsom
T32	Team Bolt		India	Amity International School
T33	A1 Racing		Australia	Pine Rivers State High School & Phoenix P-12 Community College
T34	Ultrasonic Hawks		Cyprus	PASCAL English School Lefkosia
T35	The Falcons		Austria	BG BRG Gmunden
T36	Epiphany		Bahrain	St. Christopher's School
T37	Motion Racing		Australia	Engadine High School
T38	Odyssey		Australia & Ireland	Brighton Secondary School & Donabate Community College

DAY ONE

Visit to the Capitol Building

- ★ It was 'Howdy Y'all' for over 200 students, representing 22 countries, at the opening day of the F1 in Schools World Finals 2013
- ★ The students were welcomed to Austin by State Representative Paul Workman on an exclusive visit to the State Capitol Building in the city.



- ★ After a guided tour of the State Capitol Building the teams enjoyed a Texan barbecue on the lawns outside the building, the first chance for the students to meet their racing rivals.



DAY TWO

Pit Set-up, Welcome Ceremony and Competition Day 1

- ★ Teams set to work building their pit displays ready for the judging schedule to begin.
- ★ The Bowie School Marching Band kicked off the event in style during the Official Opening Ceremony.
- ★ The on track action began with the first race of the competition, a time trial race for Allegiance Racing from Southeast High School, Bradenton, Florida and FyreFliers from Singapore, with the first spoils going to the American team.

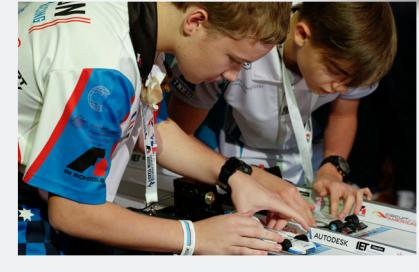


- ★ Red Set Racing from Sprowston Community High School, Norwich representing the UK claimed the fastest time of day 1, 1.087 seconds.

DAY THREE

Competition Day 2

- ★ The second day of the F1 in Schools World Finals put the teams under plenty of pressure with a full day of judging and racing for the students.
- ★ A1 Racing from Australia topped the timesheets after two days of racing, taking an early advantage with a time of 1.043 seconds.



★ Andrew Denford, Founder and Chairman, F1 in Schools said, "It's been a hectic day for the students, with the reaction time racing putting them under the spotlight with the nerve racking task of launching the car with a steady 'trigger finger' and the completion of the various judging elements in the competition. The Australian team did well to record the fastest car, but there are so many judging elements to the competition and two tasks still left to complete, so there's still everything to play for."

DAY FOUR

Knock-out Competition



Knock-out Competition Seeding

Team	Time 1	Time 2	Best
Team Bolt	1:230	1:225	1:225
X-Shift	1:218	1:212	1:212

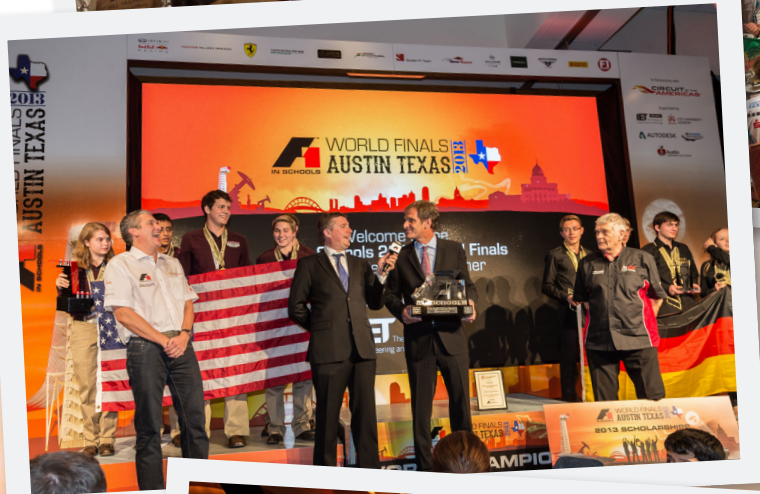
SEMI FINAL 1

Team	Time 1	Time 2	Best
Team Bolt	1:230	1:225	1:225
X-Shift	1:218	1:212	1:212

- ★ There was plenty of tension and drama in the Pressure Challenge, a test of the students' abilities to cope with the unexpected, working under tight time constraints and limited resources. They were set the task of producing a 60 second news video feature suitable for broadcast on a USA TV news programme, all within the space of 90 minutes!
- ★ The knock-out racing brought out the competitive spirit in all the students, with each of the teams putting forward the best team member to launch their car down the 20 metre F1 in Schools race track.
- ★ The teams battled it out with the losing team eliminated in each round.
- ★ After two hours of racing action, two teams took to the grid to decide the winner. Team Bolt, a team of students from New Delhi, India took on X-Shift, a collaboration team from Singapore and UK, in a tense final.
- ★ In a thrilling race, it was the Indian team who took the chequered flag first, just three one-hundredths of a second ahead of their rivals.
- ★ "We're on top of the world", said Aman Agarwal, the car launcher for Team Bolt, Knock-out Racing Winners.

DAY FIVE

Awards Celebration



- ★ VIP guests were invited to attend an Awards Celebration Dinner sponsored by the Institution of Engineering and Technology (The IET), hosted by David Croft, Sky Sports F1 HD Commentator.
- ★ The students interacted over dinner with special guests from the world of Formula One and Education.

WORLD CHAMPIONS

2nd & 3rd Place



3

THIRD PLACE

Supported by **IET** Education
The Institution of Engineering and Technology

Unlimited Acceleration

Lessing-Gymnasium Winnenden, Germany



1

WORLD CHAMPIONS

Supported by



CITY UNIVERSITY LONDON

A1 Racing

Pine Rivers State High School & Phoenix P-12 Community College, Australia

2

SECOND PLACE

Supported by



ALLEGIANCE RACING

Southeast High School, USA



- ★ A1 Racing, a team of six students from Pine Rivers State High School, Queensland and Phoenix P-12 Community College, Ballarat, Victoria, worked hard to achieve their dream of taking the F1 in Schools World Champions title.
- ★ “We can’t believe we won, it’s just amazing. There were so many good teams, it was really tough, so we’re really happy to have won this. It means everything to us.”
Jacqueline Cunninghame, Team Manager A1 Racing

AWARD WINNERS



FIA WOMEN IN MOTORSPORT AWARD
supported by FIA Women in Motorsport Commission
Alyssa Cote & Merritt Kendzior from
ALLEGIANCE RACING
Southeast High School, USA



VERBAL PRESENTATION AWARD
supported by Williams
Vector One
Crocus Plains Regional Secondary School, Canada



THE BEST INTERNATIONAL COLLABORATION TEAM AWARD
supported by Shell
Odyssey
Brighton Secondary School & Donabate Community College, Australia & Ireland



OUTSTANDING SPORTSMANSHIP AWARD
supported by Sahara Force India
ALLEGIANCE RACING
Southeast High School, USA



PIT DISPLAY AWARD
supported by Toro Rosso
Motion Racing
Engadine High School, Australia



TEAM SPONSORSHIP & MARKETING AWARD
supported by Marussia F1 Team
Petronas Tritan Racing
SMS Hulu Selangor, Malaysia





INNOVATIVE THINKING AWARD

supported by Lotus F1 Team

Safire Blue Bullets Racing

German International School, Dubai, Greece & UAE

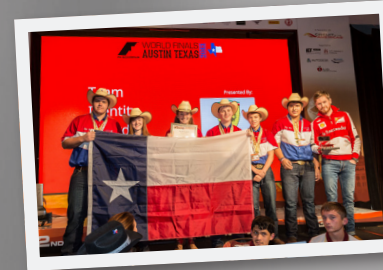


FASTEST CAR AWARD

supported by Mercedes AMG PETRONAS F1 Team

A1 Racing

Pine Rivers State High School & Phoenix P-12 Community College, Australia



TEAM IDENTITY AWARD

supported by Ferrari

Lone Star Racing

Akins High School & Granbury High School, USA



BEST ENGINEERED CAR AWARD

supported by Vodafone McLaren Mercedes

Bardahl Racing

St. David's Holy Faith Secondary School, Ireland

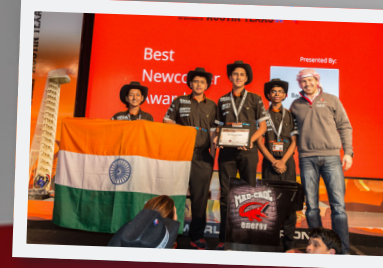


CHAIR OF JUDGES RECOGNITION OF ACHIEVEMENT AWARD

supported by Infiniti Red Bull Racing

X-Shift

Raffles Girls' School & Wilmington Grammar School for Boys, Singapore & UK



Sauber F1 Team

BEST NEWCOMER AWARD

supported by Sauber F1

Team Bolt

Amity International School, India



PORTFOLIO AWARD

supported by F1 Racing

Odyssey

Brighton Secondary School & Donabate Community College, Australia & Ireland



RESEARCH AND DEVELOPMENT AWARD

supported by Pirelli

Surge

Mönchsee-Gymnasium & Colégio de S. Miguel, Germany & Portugal



SOCIAL MEDIA AWARD

supported by Caterham F1

Team Adroit Inifinitum

The Indian High School, Dubai, UAE



TEAM WEBSITE AWARD

supported by Autodesk

Speed Deamons

Ellinogermaniki Agogi, Greece



THE CROFTY & GARY PRESSURE CHALLENGE AWARD

supported by Crofty & Gary

Safire Blue Bullets Racing

German International School, Dubai, Greece & UAE



KNOCK-OUT WINNERS AWARD

supported by Austin Independent School District

Team Bolt

Amity International School, India

DAY SIX

Teams Visit Circuit of the Americas

- ★ The competing teams were treated to a very special day at the Circuit of The Americas (COTA) giving the students exclusive access to the track including a coach tour of the circuit.
- ★ The day started by travelling in a police-escorted convoy of seven coaches from the event base at the Hyatt Regency to the Circuit of The Americas.
- ★ After a stop at Turn One for a group photo against the backdrop of the main pit straight, the students threw their Stetsons in the air to show their appreciation for the hospitality shown by COTA.



- ★ After the circuit tour all the students took a trip up the COTA Tower, 251 feet above the track.
- ★ The 58 female students who competed at the F1 in Schools World Finals were given an extra treat, with the girls hosted by FIA Women in Motorsport Ambassador and Sauber Formula 1 Team Principal, Monisha Kaltenborn, for a Q and A session in the pitlane.
- ★ COTA also gave the students grandstand seating at Turn 11 for all three days of the UNITED STATES FORMULA 1 GRAND PRIX with A1 Racing, the Australian F1 in Schools World Champions upgraded to the pit straight grandstand.

OFFICIAL AFTER PARTY



DAY SEVEN

World Champions Meet Mr Ecclestone

- ★ A1 Racing were given a day to remember when Formula One™ boss, Bernie Ecclestone, presented his F1 in Schools™ Bernie Ecclestone World Champions trophy to the team.



Bernie takes a Selfie!



- ★ Meeting Ecclestone in the paddock at the FORMULA 1 UNITED STATES GRAND PRIX, the team of six 17-year-olds created a media scrum when the F1™ boss gave over his time to meet with them. He showed great interest in their world-beating scale model F1 race car and gave the A1 Racing team members advice on how to start a career in Formula 1™.
- ★ Ben Marshall asked Ecclestone, "What advice would you give students like us who want to get into the motorsport industry, how should we go about it?" Ecclestone endorsed the F1 in Schools challenge and its benefits saying, "The teams know you anyway, just keep doing what you're doing and you'll get there."

DAY EIGHT & NINE

Winning Teams Visit the Paddock

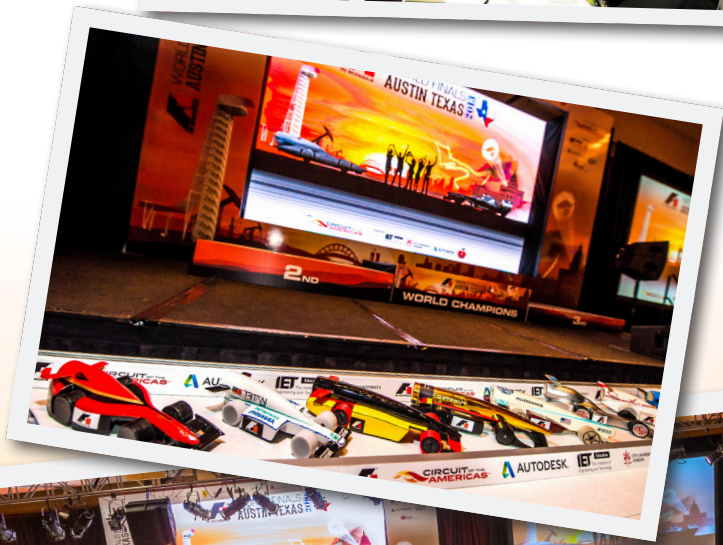
- ★ The award winning teams were hosted in the paddock by the F1 teams over the Grand Prix weekend as part of their prize.
- ★ The teams were treated to a behind the scenes tour of the F1 paddock and some were even given tours of the pit garages and team hospitality areas.
- ★ Turn 11 was where the teams sat and watched all the on track action, whilst A1 Racing had a great view of the grid and pit lane from the main grandstand.



DAY EIGHT & NINE

Winning Teams Visit the Paddock





World Finals Abu Dhabi 2014

We are delighted to announce that the World Finals 2014 will be held at Ferrari World Abu Dhabi. Andrew Denford pictured above officially handing over the World Finals to Al Tareq, CEO Yas Marina Circuit, Abu Dhabi.

In Partnership with:



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F1 In Schools Ltd,
Savoy Place
London WC2R 0BL
f1inschools.com

T +44 (0) 20 7344 8449 F +44 (0) 20 7344 8450 E contactus@f1inschools.com

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