

# 21 Tongji University

## TJU Racing Team

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<http://www.tju-racing.com>

## Racing for Dream



### 今回の総合結果・部門賞

●総合13位 ●日本自動車工業会会長賞

### Profile チーム紹介・今までの活動

TJU Racing Team, from Tongji University China, is established in 2007. This is the 7th year that we participate in Student Formula Japan and we are determined to fulfill our race car potential and make some substantive breakthrough!

### Team-member チームメンバー

#### Wang Kun (CP)

Chang Wei(FA), Zhou Dekuan(FA)  
Zhang Guangyu, Wang Bin, Zhang Zihao,  
Liao Yifei, Wang Jinqiu, Huang Shilong,  
Long Lang, Pan Kaifeng, Li Minglong, Luo  
Fu, Guo Hongqiang, Yu Yang, Zhao Huiying,  
Li Zaoyang

## Presentation

### プレゼンテーション

We have spent a lot of time designing and testing our car. Firstly, after one year effort, our car got not only more power and torque, but also became more efficient and reliable. Secondly, the chassis has improved a lot to make handling easier and save weight. Thirdly, the frame is stiffer and lighter. We have focused more on ergonomics, to make drivers feel good while driving. Fourthly, we make wire harness lighter and more reliable.

We have complete data acquisition to adjust our car and aid our drivers. What's more, because of the rule limitation of aero devices, we compared the car performance simulation with or without aero devices and found out that in low speed track, aero devices were not so efficient and consume more fuel. So we abandon them. Last but not least, we have spent much more time than ever on testing. A real fast car is not only designed to be like that. It needs to be tested. During the testing, we verify our original design and optimize the car setup. And importantly, our drivers can develop their driving skills in practice. That is really helpful. We believe, after so much work, our car will be better.

## Participation report

### 参戦レポート

2015 Student Formula Japan proved to be really eventful and was full of drama. But in the end, the team overcame a lot of difficulties and finally achieved great results: 13th overall, which is the best overall SFJ ranking in team history, and is also the best overall ranking for a Chinese team in a foreign competition. We are all really proud of our performance this year.

Also, we had many regrets. We lost points for aerodynamics in design event, which we actually did lots of work on. In acceleration event, gear changing was a big problem, resulted in a very slow time. In endurance, we hit too many pylons and got over 2-minute of time penalty. The cancel of autocross was also not ideal for us, since we believe that we can do a time well above average. So we could have done a lot better. 残念ですね!

Anyway, there are no what ifs", every team had their own regrets and this is what competition is all about, and we are fully aware of that.

Even with these mishaps we achieved 13th overall finish. So we are really confident that we will make a substantial improvement again next year, hopefully a top 6 overall finish and go onto the final podium! Watch out for the all new TR15!

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