

72 Harbin Institute of Technology at Weihai

Keep Racing !

Harbin Institute of Technology Racing Team (HRT)



Presentation プレゼンテーション

マシン名: **HRT_14C**

Harbin Institute of Technology Racing Team (HRT), founded in 2009, is the one which Harbin Institute of Technology at Weihai established for participating in Formula SAE Competition. As one of the earlier-founded formula racing teams, HRT now owned over 130 students of vehicles, materials, machinery, finance and other related majors. Since its inception, the team has already designed and manufactured five cars for FSAE. Over the past four years, HRT has been kept moving forward.

For the HRT_14C, the design goal is reliability, lightweight, maintainability, drivability, manufacturability and aesthetic. To achieve it, HRT learn from the outstanding international team and produce the 10-inch carbon fiber rim and one-piece CFRP monocoque. HRT_14C is equipped with the single-cylinder engine, which will reduce the unsprung weight and improve the fuel economy. The CFRP monocoque makes the chassis more integrated and total torsional stiffness higher. Meanwhile, HRT also provide engine RIGS and calibration to pursue excellent dynamic performance.

Participation report 参戦レポート

It's the second time that Harbin Institute of Technology Racing Team (HRT) take part in the FSAE Japan. In 2012, we have the opportunity to bring our HRT12 here to participate in the 10th FSAE Japan and we successfully finished all static and dynamic events. This year in 12th FSAE Japan we cannot finished all static and dynamic events because of some design problems, and eventually we got an overall result of 31st. This result cannot really cheer us up, although the game this year we had a really nice time here in Japan, and made many friends here. Because we made a really excellent car this year, and we had great expectations for it. But it went into troubles during the Competition. In spite of many problem, we complete all events expect the Endurance. And we make big improvement in some static events. In static events, we finally got: Business(22nd), Design Report(11st). So this year the result is a little bit disappoint for us, but such a dissatisfaction is precisely the power that can drive us ahead!



今回の総合結果・部門賞

●総合31位 ●最軽量化賞1位

Profile チーム紹介・今までの活動

Founded in 2009, HRT is the one which is established for participating in Formula SAE Competition. Since its inception, the team has already designed and manufactured seven cars. Over the past four years, HRT has been kept moving forward.

Team-member チームメンバー

Zhao Jinghui

Wang Jianfeng(FA), Li Jiaming, Li Kun, Gong Weixi, He Zhongqing, Wang Yongtai, Zhao Wentao, Zhang Qi, Duan Wenjie, Zhao Pengcheng, Zhou Tianpeng, Jiang Lang, Wang Sirui, Zhang Huaqi, Jiao Yifan, Liang Yuhuan, Wang Tianyang, Wang Lei, Yang Yaran, Peng Peng, Cui Guanfeng, Hu Tao, Yang Wenfei

Sponsors スポンサーリスト

Sensata Technologies Changzhou, ANSYS, Cusco, FESTO, Wanfeng, Guangwei, IMK, igus, Magnet Marelli, Metastar, Ronghe International Circuit, ISR, Henkel, YATO TOOLS, LOCTITE, Textrem, MSC, Davices Craig, Calspan, TIRF

Team-Movie <http://www.jsae.or.jp/formula/jp/12th/movie/72.html>