

Aichi Steel to Exhibit for the First Time at the 24th ITS World Congress 2017 Montreal

Aichi Steel Corporation (Headquarters: Tokai, Japan; President: Takahiro Fujioka) will participate for the first time as an exhibitor in the 24th ITS* World Congress 2017 to be held in Montreal, Quebec, Canada.


Inside its booth at the joint Japan Pavilion, the company will introduce its magnetic guidance system for self-driving cars, which utilizes its MI sensors, to help achieve a smart city.

Aichi Steel's magnetic marker system provides several advantages. That is, it inexpensively enables a vehicle to stably determine its own position even under adverse conditions, such as inside a tunnel or under an overpass where GPS radio waves cannot be obtained, or during bad weather when an image-based system cannot function correctly. Be sure to visit the Aichi Steel booth.



Booths at the Japan Pavilion

1. Duration: October 29 (Sun.)--November 2 (Thu.)
2. Venue: Le Palais des congrès de Montreal (Montreal, Canada)
3. Congress theme: "Next Generation Integrated Mobility Driving Smart Cities"
4. Exhibit overview

Exhibit description	Details
Magnetic guidance system for self-driving cars that utilizes the MI sensor (to be introduced using a demo system)	<p>Will introduce a system that supports autonomous driving by having on-board MI sensors detect the weak magnetic force emitted from magnetic markers embedded in the road surface and guide the vehicle over the markers.</p> <div style="text-align: right;">  <p>MI sensors</p> </div>

*ITS: Stands for Intelligent Transport Systems.

Systems that enable people, road infrastructure, and vehicles to exchange information in order to solve the various issues involved in road traffic, such as accidents and congestion, as well as to meet the requirements of environmental measures.