

**Development of Train Control System by Using Information of Train Position
with Wireless IC-tag**

Tatsuya SASAKI

We have considered a basic conception of train control system, which can reduce the number of equipment of signalling system and interlocking device of a station by using train positioning equipment with wireless IC-tag on a vehicle. If receiving IC-tag information is abnormal, the train positioning equipment needs to be output on a safe side. Therefore we made a formation of the train control system, which has a function detecting abnormal information by transmission loop to connect the center equipment with the vehicle equipment. This paper reports the train control system and IC-tag test results.