

# The outline of 13th R&D symposium

## 13th JR East R&D Symposium

# FOR FURTHER CREATION OF INNOVATION BY INDUSTRY-ACADEMIA COOPERATION

JR East is promoting the five pillars of "Improvement of safety and reliability", "Improvement of convenience and comfort", "Reduction in costs", "Contribution to the global environment", and "Development of new services in station space" to create a new level of value for customers, and is promoting research and development with a goal of changing the railroad system by implementing the latest technologies. As part of this effort, we hold R&D symposiums every year with the aim of disseminating information into society and to gather superior technology seed information and opinions concerning the direction of development.

In recent years, cooperation has been proceeding between universities that have various advanced technical seeds and industries that aim to apply those seeds. Thus, we held the 13th symposium on February 13, 2007 under the theme "For Further Creation of Innovation by Industry-Academia Cooperation". The program is shown in Table 1.

The lectures presented in this symposium are introduced in this journal.

13:30-13:35	<b>Opening speech</b>		President and CEO, East Japan Railway Company	<b>Satoshi Seino</b>
13:35-14:25	<b>Keynote speech 1</b> "Cooperation with Industry from a University Viewpoint - Mainly Instances at the University of Tokyo"		Director, Division of University Corporate Relations, The University of Tokyo	<b>Takafumi Fujita</b>
14:25-15:15	<b>Keynote speech 2</b> "Toyota's Efforts to Achieve Sustainable Mobility and Industry-Academia Cooperation"		Senior Managing Director, Toyota Motor Corporation	<b>Shinzo Kobuki</b>
15:15-15:45	<b>Coffee break</b>			
15:45-17:30	<b>Round table</b>	"JR East's Efforts for Industry-Academia Cooperation"	Director General, Technology Planning Dept. & Research and Development Center, East Japan Railway Company	Coordinator, <b>Takashi Endo</b>
		Cooperation with the University of Tokyo "Safety Engineering Endowed Chair"	Professor, Institute of Industrial Science, The University of Tokyo	<b>Tomonari Yashiro</b>
		Cooperation with Tohoku University "Promotion of Collaboration"	Director, Safety Research Laboratory, Research and Development Center of JR East Group, East Japan Railway Company	<b>Masamichi Kato</b>
		Cooperation with Massachusetts Institute of Technology	JR East Professor (endowed by the East Japan Railway Company), Department of Civil and Environmental Engineering and Engineering Systems, MIT	(Video appearance) <b>Joseph M. Sussman</b>
17:30-17:35	<b>Closing speech</b>		Vice Chairman, East Japan Railway Company	<b>Yoshio Ishida</b>

Fig.1: 13th JR East R&D Symposium Program