

4th IHRA Web Seminar

Technological Developments and Quality Control of Shinkansen Rolling Stock Special Presentations by Rolling Stock Manufacturer and Component Maker

1. Date & Time

Thursday, May 26th, 18:00-20:00 (JST)

2. Program

Moderated by Mr. Torkel Patterson, IHRA Vice Chairman

18:00- Opening Remarks

Mr. Masafumi Shukuri, IHRA Chairman

18:05- Introduction

Mr. Torkel Patterson, IHRA Vice Chairman

Outline of Shinkansen rolling stock design and manufacturing, demarcation between operators and manufacturers, etc.

18:10- Speaker 1

“Introduction of Japanese High Speed EMU for Dedicated Line”

Mr. Shunji Takahashi, Executive Officer, General Manager,

Domestic & Asia Business Division, Kawasaki Railcar Manufacturing Co., Ltd.



18:25- Speaker 2

“Railroad Products Company”

Mr. Hayaki Maeda, Manager, Business Development Department,

Railroad Products Company, Nabtesco Corporation



18:40- Q&A

18:55- Advisory Board Discussion

19:55- Closing Remarks

Mr. Masafumi Shukuri, IHRA Chairman

3. Others

The seminar will be in English with simultaneous translation to and from Japanese. The seminar will be recorded and uploaded to IHRA's website.

Purposes of the seminar:

1. Foreseeing the possibility of Shinkansen system overseas, to deepen understanding of the design concept and functions of Shinkansen rolling stock's related to safety.
2. Presenters will explain the design and manufacturing process of Shinkansen rolling stock from the manufacturer's viewpoint; this foundation that supports the Shinkansen system. Their challenges in mitigating environmental load and noise derives from their continuous efforts to reduce vehicle weight. This is a unique feature of the Shinkansen rolling stock which runs on fully dedicated tracks.
3. Differences between overseas and domestic projects and examples of manufacturers' overseas experience will also be shared.
4. The seminar also aims to deepen understanding and to foster expectation for the planned technical visits to Nippon Sharyo (rolling stock manufacturer) and JR Central's Komaki Research Center at the coming IHRA Forum 2022.