



INFRASTRUCTURE & TRACK ALIGNMENT

Tuesday, March 22, 2016

Day Director: Eduardo Romo

- 09:00 BASIC CONCEPT FOR ALIGNMENT OF HIGH SPEED LINES
given by: JORGE SANCHEZ
- 10:00 INFRASTRUCTURE, MAIN ELEMENTS INVOLVED IN HIGH-SPEED LINES
given by: MANUEL CUADRADO
- 10:45 Coffee break
- 11:00 KEY COMPONENTS TO BE TAKEN INTO ACCOUNT FOR HS LINES STRUCTURES
given by: MANUEL CUADRADO
- 12:00 Lunch time
- 12:45 INTRODUCTION TO HSR SYSTEMS III
given by: CHRISTOPHE KESELJEVIC
- 14:15 KEY ELEMENTS TO BE CONSIDERED IN THE PLANVIEW AND LINE PROFILE ALIGNMENT
given by: JORGE SANCHEZ
- 15:15 ELECTRIFICATION I
given by: JUAN MIGUEL MAYOR
- 16:15 End of 2nd day





TRACK & ELECTRIFICATION

Wednesday, March 23, 2016
Day Director: Antonio Arribas

- 09:00 MODERN TOOLS TO INTEGRATE GEOMETRICAL ALIGNMENT AND OPERATIONAL PERFORMANCE
given by: JORGE SÁNCHEZ
- 10:00 MAIN CONCEPTS RELATED TO HIGH QUALITY TRACK
given by: MANUEL CUADRADO and INGO PAUKNER
- 11:00 Coffee break
- 11:15 SAFETY IN TUNNELS I
given by: JUAN MIGUEL MAYOR
- 11:45 ELECTRIFICATION II
given by: JUAN MIGUEL MAYOR
- 12:15 Lunch time
- 13:00 SIGNALING CONCEPTS
given by: JUAN OLMEDILLA
- 13:45 MODERN TRACK FORMS FOR EFFICIENT HIGH SPEED LINES
given by: MANUEL CUADRADO
- 14:45 ELECTRIFICATION III
given by: JUAN MIGUEL MAYOR
- 16:15 End of 3rd day



ELECTRIFICATION/ SIGNALING & SPECIFIC TECHNOLOGIES

Thursday, March 24, 2016

Day Director: Eduardo Romo

09:00 DETECTION SYSTEMS
given by: JUAN OLMEDILLA

10:15 Coffee break

10:30 ELECTRIFICATION IV
given by: BRETT THARP & KAY RASCH

11:30 ERTMS SYSTEM & SAFETY PHILOSOPHY
given by: JUAN OLMEDILLA

12:15 Lunch time

12:45 TELECOM NETWORKS
given by: JUAN OLMEDILLA

13:45 MAINTENANCE LABOURS & STAFF PROTECTION
given by: JUAN OLMEDILLA

14:15 Closing Speech
given by: TERRY OGLE, CHSRA Director of Design and Construction

14:45 End of 4th day

