Sunday, 15 September 2019

16:00  Registration and get-together (Salzburg Congress, Auerspergstraße 6, 5020 Salzburg)

Monday, 16 September 2019

08:30  Registration

10:00  Opening of the Convention
      Dipl.-Ing. Franz BAUER

SESSION A: INFRASTRUCTURE MANAGEMENT AND DIGITALISATION
Chair: Dipl.-Ing. Helmut HAINITZ/Ing. Mag. (FH) Andreas MATTHÄ

10:15  The future of the railways is digital
      Ing. Mag. (FH) Andreas Matthä, ÖBB-Holding AG, Austria

10:45  International Rail Infrastructure Financing
      Martha LAWRENCE, The World Bank, USA

11:15  Systems Engineering
      Dipl.-Ing. Bernhard KNOLL, UEEIV, Austria

11:45  Certified Asset Management at ÖBB-Infrastruktur AG
      Dipl.-Ing. (FH) Christian HOLZER, ÖBB, Austria

12:00  Life Cycle Management Across Disciplines at ÖBB Infrastruktur
      Dipl.-Ing. Georg NEUPER, ÖBB, Austria

12:30  Lunch Break

13:30  Discussion: Effect of Digitalisation on Infrastructure Management
      Dipl.-Ing. Franz BAUER, ÖBB, Austria
      Dipl.-Kfm. Frank SENNHENN, DB Netz AG, Germany
      Jacques Boschung, SBB, Switzerland

SESSION B: TRACK TECHNOLOGY – ECONOMIC DEVELOPMENTS
Chair: Dipl.-Ing. Dr. Peter VEIT, TU Graz, Österreich

14:15  Improving Durability of Ballast Track on Korea HS Lines
      Dr. Seung Yup JANG, National University of Transportation, Korea

14:45  Railway Systems: digital, robust, proactive
      Dr. Jochen HOLZFEIND and Dr. Albert JÖRG, voestalpine Railway Systems, Austria

15:15  Coffee Break

15:45  Rail Infrastructure Skills and Knowledge Transfer – an Obsolete Model?
      Christian SCHLATTER und Dipl.-Ing. Peter GÜLDENAPFEL, Centre of Excellence for Tracks, Switzerland

16:15  Plastic Sleepers – an Alternative for Wooden Sleepers
      Dipl.-Ing. Rodolphe POTVIN, SNCF, France

16:45  Rehabilitation of Track in Short Possessions on Japanese HS Lines
      Yosuke Moriyama, West Japan Railway Company, Japan

17:15  Track Tamping and Design Lifting
      Dipl.-Ing. Agnes SCHÖPP, ÖBB, Austria
Tuesday, 17 September 2019

SESSION C: PERMANENT WAY – DIAGNOSIS AND MAINTENANCE
Chair: em. Univ.-Prof. Dipl.-Ing. Dr. Klaus RIESSBERGER

08:30 Track Gauge
Dipl.-Ing. Hans Peter LANG, DB, Deutschland

09:00 Rolling Contact Fatigue of Rails
Dipl.-Ing. Ingolf NERLICH, SBB, Schweiz

09:30 A Track Infrastructure Benefit: the “Vehicle Fingerprint”
Dipl.-Ing. Roman SCHMID, ÖBB, Austria

10:00 Permanent Way Programmes Based on Trend Analyses
Dipl.-Ing. Johannes NEUHOLD BSc., Graz University of Technology, Austria

10:30 Coffee Break

11:00 Digitalisation in Track Construction & Maintenance
Dipl.-Ing. Dr. Florian AUER, Plasser & Theurer, Austria

11:30 Digitalisation of Rail Infrastructure
Jan MYS, Infrabel, Belgium

12:00 Fibre Optics – a New Data Source for Rail Infrastructure
Dipl.-Ing. Ivan VIDOVIC BSc., Graz University of Technology, Austria

12:30 Data-Based Description of the Condition of Switches
Dipl.-Ing. Michael FELLINGER BSc., Graz University of Technology, Austria

13:00 Lunch Break

SESSION D: URBAN TRANSPORT COMPANIES AND INTERNATIONAL PERSPECTIVES
Chair: Univ. Prof. Dipl.-Ing. Dr.techn. Norbert OSTERMANN

14:00 Rail Surface Maintenance in Urban Transport Companies
Dipl.-Ing. Johannes KEHRER BSc., Vienna University of Technology, Austria

14:30 International Approval of On-Track Machines
Dipl.-Ing. Dr. Josef DOPPELBAUER, ERA, France

15:00 Requirements for Interoperability: Status Quo and Outlook
Dipl.-Ing. Dr. Michael WALTER, ÖBB, Austria

15:30 Coffee Break

16:00 Dedicated Freight Corridors in India
Ajit Kumar MISHRA, Dedicated Freight Corridor Corporation of India Ltd., India

16:30 Bi-Oceanic Project
Milton Claros, Public Works Minister, Bolivia
Michele MOLINARI, Molinari Rail, Switzerland

17:00 Track Research in North America
Gary Fry, Ph.D., P.E., Transportation Technology Center, Inc., USA

17:30 Introduction to the Excursion
Dipl.-Ing. Christoph KUTTELWASCHER, ÖBB, Austria

Wednesday, 18 September 2019
09:00 - 12:00 Demonstration of Digital Track Maintenance
Salzburg Railway Station