Workshop on timetable and service planning for metro/suburban rail operations

Tentative Schedule

9:30 am to 10:00 am	**Introduction** **Narayan Rangaraj, Industrial Engg. and Operations Research, IIT Bombay**
10:00 am to 10:45 am	**Suburban rail networks for urban transport: perspective session** **Ravibabu Manchala, South Eastern Central Railway**
10:45 am to 11:30 am	**Tools for planning** **Madhu Belur, Dept. of Electrical Engg., IIT Bombay**
11:30 am to 11:45 am	**Tea break**
11:45 am to 12:15 pm	**Case study: Mumbai Central Railway harbour line (Integrated timetabling)** **Anurag Agarwal/Darshit Jain, Dept. of Electrical Engg., IIT Bombay**
12:15 pm to 12:45 pm	**Case studies: Layout and terminal planning: CST and WR** **Shripad Salsingikar, Industrial Engg. and Operations Research, IIT Bombay** **Omkar Karmarkar, Dept. of Civil Engg., IIT Bombay** **Darshit Jain, Dept. of Electrical Engg., IIT Bombay**
12:45 pm to 1:15 pm	**Scheduling suburban services in the presence of mainline passenger and goods services** **Narayan Rangaraj, IEOR, IIT Bombay**
1:15 pm to 2:00 pm	**Lunch break**
2:00 pm to 2:45 pm	**Guest session: LinTim for integrated transport planning** **Anita Schoebel, University of Kaiserslautern, Germany**
2:45 pm to 3:30 pm	**Case study: Mumbai Western Railway (Crew planning)** **Naman Kasliwal/P. Sudarshan, Dept. of Electrical Engg., IIT Bombay**
3:30 pm to 3:45 pm	**Tea break**
3:45 pm to 4:30 pm	**Software options and the way ahead** **Madhu Belur with panel**
4:30 pm to 5:00 pm	**Summary and conclusions** **Narayan Rangaraj with panel**

Date: Friday, 21 June, 2019
Organizers: Profs. Narayan Rangaraj and Madhu Belur

Venue within IITBombay and final schedule will be updated at:
www.ee.iitb.ac.in/%7Ebelur/workshop   **Contact: 99 874 66 279**