Department of Systems Engineering and Engineering Management

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Hong Kong Chapter

Seminar Series

Research Priorities and Projects at Luleå Railway Research Center, SWEDEN

Prof. Uday KUMAR

Director, Luleå Railway Research Center (JVTC)
Luleå University of Technology, Sweden

Date	29 August 2016 (Monday)
Time	2:30pm - 3:30pm
Venue	G5316, 5/F, AC1

Abstract

Luleå Railway Research Center (Järnvägstekniskt Centrum--JVTC) at Luleå University of Technology, Sweden, is a collaborative research and innovation (R&I) cluster jointly sponsored by the Swedish Transport Administration and Swedish Railway Sector. The strategic focus of the Center is to develop new maintenance models, methods, tools that will facilitate innovative solutions to railway problems. During the last 15 years, the Center has provided a platform to develop and establish a research environment adopting a distinct interdisciplinary and multidisciplinary approach to meet short term and long term challenges faced by operation and maintenance organisation and engineers of railway sector. In the past Center has been involved in several EU FP -7 projects and currently participating in several industry sponsored projects and EU H2020 within the framework of smart green and integrated projects. The talk will give a short presentation of the Center's research program and its priorities aligned to the recent trends in maintenance technology and management suitable for the railway sector. The presentation will discuss some of the current R&I projects at the Center.

About the Speaker

Dr. KUMAR is the Chair Professor of Operation and Maintenance Engineering at Luleå University of Technology (LTU). He is also Director of Research and Innovation (Sustainable Transport) at LTU and Director of Luleå Railway Research Center at LTU. He is also an External Examiner at University of Manchester, UK for the Graduate Program in the area of Asset and Reliability Engineering. Dr KUMAR is also a Visiting Guest Professor at National Science Foundation sponsored Center of Excellence for Intelligent Maintenance Systems at University of Cincinnati, Ohio, USA since April 2011. Earlier he has been a visiting faculty at Imperial College London, Helsinki University of Technology, Helsinki and Stavanger University in Norway, Tromsö University, among others. He has published more than 250 papers in International Journals and Conference Proceedings, and has co-authored 2 books on Maintenance. He is an elected member of the Royal Swedish Academy of Engineering Sciences.

Enquiry: 3442 2147

All are Welcome!

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