

**THE FIRST INTERNATIONAL  
SCIENTIFIC-PRACTICAL CONFERENCE**

**LOCOMOTIVE SERVICE MAINTENANCE  
PROSPECTS FOR DEVELOPMENT**

**October 10, 2014**

**Moscow**

**Moscow State University of Railway Engineering (MIIT) and TMH-Service, the service locomotive company, INVITE YOU:** to participate in Locomotive Service Maintenance, the First International Scientific-Practical Conference.

**CONFERENCE MISSION:**

Achieving higher efficiency of the advanced Russian railway locomotive service maintenance; and

Establishing cooperation of the higher education railway institutions and service providers.

**CONFERENCE PREREQUISITES:**

TMH-Service LLC is one of the top service providers in the globe and one of the major service company of the locomotive sector in Russia. The Company's HR includes 48,000 employees. From July 01, 2014 over 23,000 Russian Railways locomotive sections were delivered for full service maintenance to TMH-Service (FSM). Together with Russian Railways the Company owns nine Zheldorrem mash locomotive maintenance facilities. The tasks set to the service providers cannot be solved without implementation of the scientific approaches to the arrangement of operations in locomotive service depots, development of the advanced processes for locomotive maintenance and upgrading of the locomotives of previous generations, and development of management and motivation methods. The collaboration with the relevant higher education institutions and HR training business schools of this field able to solve problems in the new business environment are the major task for the service providers.

**CONFERENCE TOPICS:**

1. Lifecycle locomotive performance control. Perspective forms of locomotive maintenance.
2. Motivation and economic forms of business applied to the maintenance.
3. Improvement of the maintenance processes.
4. Monitoring and technical diagnosing of the locomotives. On-board, fixed, and portable automatic diagnostic systems (ADS).
5. Locomotive upgrading under depot and maintenance facility conditions.
6. Impact of locomotive operation conditions on the maintenance reliability and scope. Operational discipline supervision.
7. Staff training for locomotive maintenance.
8. Involvement of the higher education institution's expertise to the locomotive maintenance problem solution.

**CONFERENCE PLAN:**

1. Conference missions and tasks. Part of the higher education institution expertise in railway transport development. *Reported by MIIT*
2. Locomotive service maintenance: the current stage of locomotive maintenance sector development. Propositions on research-and-practice cooperation with higher education institutions. *Reported by TMH-Service*
3. Locomotive maintenance experience and prospects. *Reported by TMH-Service*
4. Higher education institution and business school expertise potential. *Reports made by the principals and scientists from higher education institutions with the related propositions on the forms and areas of cooperation.*
5. Round Table: selection of areas and forms of research-and-practice cooperation of higher

education institutions, business schools, and service providers.

**CONFERENCE PARTICIPANTS:** principals of the higher education institutions and business schools, chairmen of the specialized departments related to the locomotive sector, representatives of the technical institutes from Russia and CIS countries, and locomotive sector scientists and specialists. Domestic and foreign OEMs. The managers and specialists from Ministry of Transport of the Russian Federation, Russian Railways, railway transport agency, TMH-Service LLC, Zheldorrem mash, STM-Service LLC, scientists from All-Russian Research and Technological Institute (VNIKTI), All-Russian Scientific Railway Transport Institute (VNIIZhT), Scientific Institute for Technology, Control, and Diagnostics of Railway Transport (NIITKD), Industry Expertise Implementation Center (OTsV), Locomotive Facilities Design Bureau (PKB TsT) and other locomotive operating and maintenance providers are invited to participate in this Conference.

**CONFERENCE HOSTED BY:**

**Conference Co-Chairmen:**

Chairman of Board of Directors TMH-Service LLC  
Kirill LIPA.

MIIT Principal, Doctor of Engineering Sciences and  
Professor Boris LYOVIN.

**Conference Vice Chairmen:**

General Director TMH-Service, Doctor of Engineering  
Sciences Valery GRINENKO.

MIIT Vice-Principal, Doctor of Engineering Sciences and  
Professor Valery KRUGLOV .

**Academic Secretary of the Conference:** Head of the  
TMH-Service Scientific Development Department,  
Doctor of Engineering Sciences and Professor  
Igor LAKIN.

**COMMITTEE MEMBERS:**

**On behalf of MIIT:** D.Evseyev, A.Savrukhin,  
O.Pudovikov, V.Kiselev, and A.Skrebkov.

**On behalf of TMH-Service LLC:** S.Lyangasov,  
R.Subbotin, R.Abisalov, S.Elchishchev, A.Paksivatov.

## **PUBLICATIONS:**

The Conference participants will be provided with the information materials through preliminary dissemination and on-site registration. When the Conference is completed, the collection of the Conference works will be published.

## **CONFERENCE APPLICATION FORMS SHOULD BE SUBMITTED TILL**

September 12, 2014

**PARTICIPATION FEE:** N/A.

## **CONFERENCE VENUE**

Izmailovo Tourist Hotel Complex (Delta Hotel) at 71 Izmailovskoye shosse, Moscow, 105613, Building Delta, Moskva-1 Conference Hall.

## **ACCOMMODATION:**

Non-resident conference participants are offered to be accommodated at Izmailovskaya hotel. The room rates are within RUR 4,000 to 7,000.

## **CONTACTS**

Conference website: [www.asunt.ru](http://www.asunt.ru)

Correspondence:

22, Krasnaya Presnya Str., Moscow, 123022

E-mail for application forms and questions (of size up to 7 MB): [i.k.Lakin@tmh-service.ru](mailto:i.k.Lakin@tmh-service.ru)

E-mail for publications and presentations (over 7MB): [Lakini@yandex.ru](mailto:Lakini@yandex.ru)

Phones: +7-985-340-01-21  
+7-495-989-63-60

Fax: +7-495-989-63-61

## **PARTICIPANT APPLICATION FORM**

<b>Participant's full name</b>	<b>Degree level, academic title, and position</b>	<b>Report and/or article title</b>	<b>Full name of the institution/organization</b>	<b>Contact phone number</b>	<b>Contact e-mail address</b>



**THE FIRST  
INTERNATIONAL  
SCIENTIFIC-PRACTICAL  
CONFERENCE**

**LOCOMOTIVE  
SERVICE  
MAINTENANCE  
PROSPECTS FOR  
DEVELOPMENT**



Moscow

October 10, 2014