

## Information and Invitation

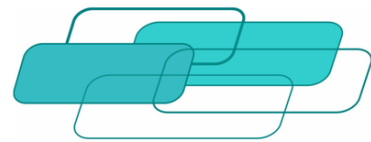
7<sup>th</sup> International Symposium  
on  
**FIRE SAFETY IN  
RAILWAY SYSTEMS**

CONFERENCE DATE:  
26 - 27 March 2015

Deadline for application:  
19 March 2015



**UPDATE**



**ifv Bahntechnik**  
Interdisziplinärer  
Forschungsverbund  
Bahntechnik e.V.  
Interdisciplinary  
Railway Research  
Association

Welcome to Vienna!

7<sup>th</sup> International Symposium

# FIRE SAFETY IN RAILWAY SYSTEMS

Vienna  
26 - 27 March 2015



[www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety)

Apply now to join the SYMPOSIUM and the EXHIBITION!

Apply now to join the SYMPOSIUM and the EXHIBITION  
with all advantages of SYSTEMATIC NETWORKING!

✓ **SYMPOSIUM**

✓ **EXHIBITION**

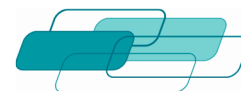
✓ **NETWORKING**

OFFICIAL SPONSORING PARTNERS OF THE SYMPOSIUM FIRE SAFETY 2015



To play an active role during the 7<sup>th</sup> symposium on FIRE SAFETY 2015  
please do not hesitate to contact the organiser: [office@railway-network.eu](mailto:office@railway-network.eu)

[www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety)



## FIRE SAFETY IN RAILWAY SYSTEMS 2015

The international meeting point for railway and fire safety experts

During the 7<sup>th</sup> symposium all relevant aspects of FIRE SAFETY of different categories of rail vehicles (vehicles for high speed transportation systems, light rail vehicles, trams, locomotives, coaches, freight wagons etc.) and rail infrastructure (tunnels, stations etc.) shall be reflected. Speakers from different countries are preparing highly specialised presentations to discuss relevant topics with participants from all over the world.

We are looking forward to seeing you in Vienna during the two day symposium

### FIRE SAFETY IN RAILWAY SYSTEMS 2015

If the following **TOPICS** are relevant to your current fields of work, the Symposium FIRE SAFETY is relevant for YOU!

#### ROLLING STOCK

- \* RAILWAY VEHICLES
- \* FIRE DETECTION (SENSORS)
- \* FIRE-FIGHTING PROCEDURES

#### RESEARCH & DEVELOPMENT

- \* SCIENTIFIC RESEARCH
- \* PRODUCE DEVELOPMENT
- \* (NEW) MATERIALS

## FIRE SAFETY IN RAILWAY SYSTEMS

Vienna

26 - 27 March 2015

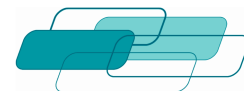


#### INFRASTRUCTURE

- \* STATIONS
- \* TUNNELS
- \* OTHER RELEVANT TOPICS

#### REGULATIONS

- \* NORMS and STANDARDS
- \* HOMOLOGATION
- \* INTERNATIONAL ASPECTS



## PROGRAMME on Thursday, 26 March 2015

7<sup>th</sup> international Symposium on FIRE SAFETY IN RAILWAY SYSTEMS 2015

© 08:15 - 09:15 CHECK-IN-TIME: Come together // Exhibition // Networking Coffee

### FIRE SAFETY 2015: Fire Safety in Railway Systems

Dipl.-Volkswirt E. SCHULZ - CEO - [IFV Bahntechnik; Berlin / Germany];

Ing. Ronald CHODÁSZ - CEO - [Verband der Bahnindustrie e.V.; Vienna / Austria]

### Challenges for Fire Protection Solutions in China:

Growing demand for customized solutions

Dr. Markus MÜLLER - Director - [WAGNER Bayern GmbH; Munich / Germany]

### Complete Fire Protection Concept for Line 7 in Mexico City:

Comprehensive Fire Protection Concept

Dipl.-Ing. Christoph KAINZ - CEO - [Kainz solutions; Munich / Germany]

### ©NETWORKING-BREAK 01

Networking Coffee and Exhibition FIRE SAFETY 2015

### The Challenge of Fire Detection in Railway Rolling Stock:

Selection and positioning of detectors

Mag. (FH) Günter SONNLEITNER - Head of Sales for Fire Protection in Railway Rolling Stock - [Siemens AG; Vienna / Austria]

### Experience gained from Fire Tests according to EN 45 545 and DIN 5510-2 for Testing of Seats:

EN 45 545-2/ISO 5658-2 and ISO 5660-1, DIN 5510-2, CEN/TC 256 WG 1 TF Seats

Prof. Dipl. Ing. Dr. Dieter HOHENWARTER - Laborleiter Brandversuche am FB Kunststoff- und Umwelttechnik - [TGM - Staatl. Versuchsanstalt (Federal Institute of Technology); Vienna / Austria]

### ©NETWORKING-BREAK 02

LUNCH, Networking Coffee and Exhibition FIRE SAFETY 2015

### Experimental and Numerical Investigations in the Fire Behaviour of Luggage

M.Sc. Dipl.-Ing. (FH) Julian BULK - Wissenschaftlicher Mitarbeiter - and Prof. Dr. Friedrich-Wilhelm WITTBECKER [Bergische Universität Wuppertal; Fachgebiet Brand- und Explosionsschutz (Fire and Explosion Safety); Wuppertal / Germany]

### Integration of a Fire Extinguishing System into the Propulsion Unit of the „INTEGRAL“ DMU

Dipl. Ing. Josef KOMETER - General Manager and Head Business Area Engineering - [Molinari Rail Austria GmbH; Schwaz / Austria]

### ©NETWORKING-BREAK 03

Networking Coffee and Exhibition FIRE SAFETY 2015

### New UNI standard 11565 RAILWAYS VEHICLES – 12/12/2014: Design, installation, validation and

maintenance of fire detection and extinguishing systems to be used in rail vehicles and technical requirements

Giancarlo BIANCHI - CEO; Sergio de SANCTIS; [GASTEC-VESTA S.r.l.; Origgio / Italia]

### Fire Safety in Railway Systems 2015 - and beyond

N.N.

### Most relevant topics of FIRE SAFETY in RAILWAY SYSTEMS

N.N. - [IFV Bahntechnik e.V. - Railway Research Network; Berlin]

\*\*\* Speaker Panel and Plenary Discussion \*\*\*

© 17:15 (approx.) End of the programme of the FIRST CONFERENCE DAY

### NETWORKING EVENT:

#### EVENING EVENT

#### International Networking

Sightseeing-Tour  
& Networking-Dinner

18:00 ~ 22:00 (approx.)

VIENNA BY NIGHT

Networking Event - FIRE SAFETY 2015 - EXCLUSIVE SPONSORING PARTNER

# WAGNER®





## PROGRAMME on Friday, 27 March 2015

7<sup>th</sup> international Symposium on FIRE SAFETY IN RAILWAY SYSTEMS 2015

© 07:45 - 08:45 CHECK-IN-TIME: Come together // Exhibition // Networking Coffee

### FIRE SAFETY 2015: Railway Research (Interdisciplinary Approach)

Dipl.-Volkswirt E. SCHULZ - CEO - [IFV Bahntechnik; Berlin / Germany]

### New Technologies for Air Sampling Systems in Rail Vehicles:

Functional Principle, SIL II approval and Examples of Use

Dr. Isabelle VINAGE - Leiterin Rail - [Wagner Schweiz AG; Wallisellen / Switzerland]

### Pure Optical False Alarm Resisting Smoke Detector:

False Alarm Classification, Test Fire Results and Nuisance Aerosols Results

Dr. Jan Boris PHILIPP - Lead Engineer Sensorsysteme - [Apparatebau Gauting GmbH; Gilching / Germany]

©NETWORKING-BREAK 04

Networking Coffee and Exhibition FIRE SAFETY 2015

### Fire Protection of Flexible Metal/Rubber Units including Elements in Bogies:

EN 45545:2013 from the Viewpoint of a Specialist of Rubber Technology

Dr.-Ing. Dana GREFEN - Research & Development (Consultant); Heinz BILLROTH (Sales Manager);

Frank J. SCHMITT - Director - [BATEGU Gummitechnologie GmbH & Co. KG; Vienna / Austria]

### Amphenol Rail Compound - New Material for Terminal Blocks:

ARC Development and ARC Performance

Dipl.-Ing. Kolja LÜCKE - Export Regional Business Developer; Bruno WAFFLART - Material and Technology Survey Technician / REACH Coordinator - [Amphenol Air LB; Courbevoie / France]

©NETWORKING-BREAK 05

LUNCH, Networking Coffee and Exhibition FIRE SAFETY 2015

### Floating floors for rolling stock vehicles:

Elastic floor bearings with high-tech elastomers

Thomas GAMSJÄGER - Product Manager - [Getzner Werkstoffe GmbH; Bürs / Austria]

### Hot Smoke Test in Tunnels:

An innovative Approach using premixed Propane Flames

MSc Juan Jose BLOND - Fire Safety Engineer - [Basler und Hofmann AG; Zurich / Switzerland]

©NETWORKING-BREAK 06

Networking Coffee and Exhibition FIRE SAFETY 2015

### Full Redundant Ringbus Fire Detections Systems for Railway Applications:

EN 54-2, EN 54-13 (VdS) Reducing False Alarms

EUR ING, Ing. Reinhard HOFFER - Technical Sales Manager - [NSC Sicherheitstechnik GmbH; Linz / Austria]

and Reinhard RÖSSLER - CEO - [Rail Services International Austria GmbH; Vienna / Austria]

### FIRE SAFETY: Concluding Remarks and Perspectives

for the Future of FIRE SAFETY in RAILWAY SYSTEMS

Dipl.-Volkswirt E. SCHULZ - CEO - [IFV Bahntechnik; Berlin / Germany]

\*\*\* Speaker Panel and Plenary Discussion - Concluding Remarks \*\*\*

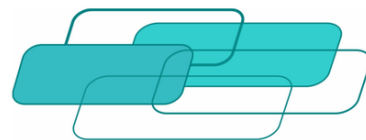
© 16:00 (approx.) End of the programme of the SECOND CONFERENCE DAY  
DEPARTURE

EXHIBITION FIRE SAFETY (26 - 27 March 2015)



# FIRE SAFETY 2015

[www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety)



**ifv Bahntechnik**

Interdisziplinärer  
Forschungsverbund  
Bahntechnik e.V.

Interdisciplinary  
Railway Research  
Association

## Information and Invitation:

Join the 7<sup>th</sup> international Symposium  
**FIRE SAFETY 2015**

Every two years, IFV Bahntechnik e. V. - the Interdisciplinary Railway Research Association - is organising an international symposium for Railway and Fire Safety Experts.

The goal of the international meeting point for experts and companies is to discuss the **STATE OF THE ART** in the continually growing fields of **FIRE SAFETY**.

The 6 recent symposia were very successful: excellent **PRESENTATIONS** from capable speakers, interesting presentations of products and services during the **EXHIBITION** and inspiring conversations during the **NETWORKING EVENT** are the integral components of the interdisciplinary summit.

Great resonance shows that the chosen topics are **HIGHLY RELEVANT** for experts from many countries.

The speakers will present recent findings from research projects or will demonstrate the advantages of new products and innovative services:

- **ROLLING STOCK**
- **INFRASTRUCTURE**
- **RESEARCH & DEVELOPMENT**
- **REGULATIONS, NORMS and STANDARDS**
- **and OTHER SPECIAL TOPICS related to FIRE SAFETY in RAILWAY VEHICLES**

**YOU are invited to join this conference as participant or to present your company's products during the exhibition FIRE SAFETY 2015!**

Dipl.-Volkswirt Eckhard SCHULZ  
Managing Director (CEO)  
IFV BAHNTECHNIK e.V.

Interdisciplinary Railway Research Association

## CONTACT TO THE ORGANISER:

**Interdisziplinärer Forschungsverbund Bahntechnik e.V.**  
**Salzufer 17-19/SG20, 10587 Berlin / Germany**

Chairman of the symposium: Dipl.-Volkswirt E. SCHULZ  
Phone: +49(0)30 81898731 / Cellular: +49(0)176 70094803  
E-mail: [office@railway-network.eu](mailto:office@railway-network.eu)

Conference Management & Registration: Linda NIENHAUS  
Phone: +49(0)30 31429298, Fax: +49(0)30 31425452  
Cell phone +49(0)163 6856845  
E-Mail: [tagung@ifv-bahntechnik.de](mailto:tagung@ifv-bahntechnik.de)

## Organiser:

**IFV BAHNTECHNIK e.V.**

**The Interdisciplinary Railway Research Association (IFV BAHNTECHNIK e.V.)** is a network of competent partners from science and industry committed to promote the progress in railway technology: Customers and contractors, service providers and selected research institutions.

**IFV connects Experts and Companies** from all relevant sectors, related to railway technology.

**IFV BAHNTECHNIK is committed** in the modernisation of railway technology through

- systematic networking of traffic experts
- applied research,
- knowledge transfer and
- customised service

in all relevant fields of modern railway technology.

For more information, check the website:  
[www.railway-research-association.eu](http://www.railway-research-association.eu)

## Recent PUBLICATIONS „FIRE SAFETY“

### **FIRE SAFETY 2013**

→ 228 pages / 180 €  
→ ISBN 978-3-940727-39-8

### **FIRE SAFETY 2010**

→ 195 pages / 160 €  
→ ISBN 978-3-940727-23-7

### **FIRE SAFETY 2009**

→ 92 pages / 70 €  
→ ISBN 978-3-940727-14-5

### **FIRE SAFETY 2008**

→ 174 pages / 140 €  
→ ISBN 978-3-940727-04-6

### **FIRE SAFETY 2007**

→ 119 pages / 120 €  
→ ISBN 978-3-9810797-9-1

### **FIRE SAFETY 2006**

→ 78 pages / 120 €  
→ ISBN 978-3-9810797-5-3

**[www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety)**



# FIRE SAFETY 2015

[www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety)



ifv Bahntechnik

EXHIBITORS

FIRE SAFETY IN RAILWAY SYSTEMS 2015

(OFFICIAL PARTNERS OF THE SYMPOSIUM)

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[www.wagner-rail.de](http://www.wagner-rail.de)



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[www.railsi.at](http://www.railsi.at)

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BATEGU Gummitechnologie GmbH & Co KG

[www.bategu.at](http://www.bategu.at)

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Contact the organiser about the FIRE SAFETY partnership packages:

- ☐ Bronze-Sponsor (LOGO): 1000 € -
- ☐ Silver-Sponsor (ADVERTISEMENT): 2000 € -
- ☐ Gold-Sponsor: 3000 € (EXHIBITION) (incl. VAT)

Phone: +49(0)30 81898731 or e-Mail: [redaktion@ifv-bahntechnik.de](mailto:redaktion@ifv-bahntechnik.de)



# FIRE SAFETY 2015

[www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety)



ifv Bahntechnik

**KEY INFORMATION: 7<sup>th</sup> International Symposium FIRE SAFETY IN RAILWAY SYSTEMS 2015**

**Date of the symposium: 26 - 27 March 2015**

**Applications are welcome before 19 March 2015**

**Reduced conference fee is accepted with payments before 16 February 2015**

**VENUE: conference hotel in VIENNA / AUSTRIA**

**PLEASE NOTICE: conference language is ENGLISH**

**ONLINE INFORMATION: [www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety)**

## WHAT?

Programme

The complete **PROGRAMME** (and all updates of the programme) of the 7<sup>th</sup> international Symposium FIRE SAFETY IN RAILWAY SYSTEMS may be found online on the conference homepage:

>>> [www.railway-network.eu/fire-safety/fire-safety-2015/programme.html](http://www.railway-network.eu/fire-safety/fire-safety-2015/programme.html)  
or >>> [www.ifv-bahntechnik.de/fire-safety](http://www.ifv-bahntechnik.de/fire-safety)

## HOW?

Application

**DEADLINE FOR PARTICIPANT APPLICATION:**  
**Thursday, 19 March 2015**

The mandatory APPLICATION FORM is available on the conference website:

Download >>> [www.railway-network.eu/fire-safety/brochure.pdf](http://www.railway-network.eu/fire-safety/brochure.pdf)

## WHERE?

Venue

**Conference Hotel** for the Symposium FIRE SAFETY\*

>>> Lindner Hotel Am Belvedere, VIENNA >>> [www.lindner.de](http://www.lindner.de)

**Complete List of Hotels at the venue is available.**

**Please ask the Organiser [IFV BAHNTECHNIK](http://www.ifv-bahntechnik.de) for assistance.**

\* Participants need a Check-In-Card to enter the conference rooms. Registered Participants will receive their Check-In-Card by e-Mail, or at the Check-In-Counter (after completing the payment procedure).

## QUESTIONS?

Ask the Organiser

**Organiser** of the Symposium FIRE SAFETY:

Interdisciplinary Railway Research Network (c/o TU Berlin)

IFV BAHNTECHNIK e.V., Salzuffer 17-19/SG20, 10587 Berlin

Phone: +49(0)30 31421698 (Mr. Schulz, CEO)

Phone: +49(0)30 31429298 (Ms. Nienhaus, Event Manager)

Phone: +49(0)30 31473807 (Ms. Scheffler-Schuch, Payment)

Fax: +49(0)30 31425452 or +49(0)700 47472000

E-mail: [office@railway-network.eu](mailto:office@railway-network.eu) or [email@ifv-bahntechnik.de](mailto:email@ifv-bahntechnik.de)

## VISIT!

Exhibition

The **Exhibition FIRE SAFETY 2015**

takes place during the Symposium.

Please ask for BRONZE, SILVER or GOLD packages for Exhibitors.

The List of EXHIBITORS and official SPONSORING PARTNER will be updated regularly

>>> [www.railway-network.eu/fire-safety/fire-safety-2015/exhibition.html](http://www.railway-network.eu/fire-safety/fire-safety-2015/exhibition.html)

## READ!

Publication

The **Proceedings** of the FIRE SAFETY Symposia are available as PRINTED BOOKS, published by IFV BAHNTECHNIK.

All available PUBLICATIONS from our BOOKS IN PRINT LIST may be ordered directly from the Publisher:

>>> ORDER FORM: [www.ifv-bahntechnik.de/literatur.pdf](http://www.ifv-bahntechnik.de/literatur.pdf)

[www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety)

# APPLICATION FORM FOR CONFERENCE PARTICIPANTS

## FIRE SAFETY 2015

### THREE STEP REGISTRATION PROCESS:

1. In order to be registered as a participant we ask you to send a binding registration before 19 March 2015. Please fill in the registration form and send it to the IFV BAHNTECHNIK via fax or e-mail. (Do not forget your signature!).
2. As soon as your registration form has arrived we will send a written confirmation of application and an invoice to the address you have stated.
3. The registration fee is due at the time of registration and has to be paid completely before 19 March 2015. Only participants with valid check-in-card are allowed to join the symposium or the exhibition.

\* The documents mentioned above will be sent to you by mail as well as via e-mail. Therefore we kindly ask you to state your e-mail address on the registration form. Attached to the e-mail you will also find the address and the directions to the conference venue and also a list of recommended hotels close to the venue. If you have any questions - just contact the organising team at IFV Railway Research Association!

Herewith I declare my binding participation in the 7th Symposium >>> **FIRE SAFETY 2015** <<<  
on 26 - 27 March 2015 in Vienna. The fee is due at the time of registration.

I agree with the terms and conditions of the organiser ([www.ifv-bahntechnik.de/agb.pdf](http://www.ifv-bahntechnik.de/agb.pdf)).

**Please send the completed and signed APPLICATION FORM**

**via E-Mail >>> [tagung@ifv-bahntechnik.de](mailto:tagung@ifv-bahntechnik.de) or Telefax >>> +49(0)30 31425452 (respectively +49(0)0700 47472000).**

#### PARTICIPANT:

☐ Mr / ☐ Ms NAME: \_\_\_\_\_

Company (Dept.): \_\_\_\_\_

Street: \_\_\_\_\_

ZIP Code, City, Country: \_\_\_\_\_

Telephone / Cellular: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

(YOUR VALID E-MAIL-ADDRESS IN CAPITAL LETTERS)

Billing Address: \_\_\_\_\_

UID-number: \_\_\_\_\_

The participant will receive extensive conference materials - including the printed proceedings **FIRE SAFETY 2015**.  
To promote the networking activities of participants and speakers, the evening event (Vienna by night) is also included.  
Complete payment must be received before 19 March 2015. Delegates may pay on site (cash) in case of problems with bank transfer.

☒ **1000,-- € STANDARD FEE** (regular participation ticket - inclusive VAT)

Regular participant ticket includes **BOTH** conference days (lectures, conference catering, evening event, conference documentation (printed proceedings))!

#### SPECIAL TICKETS WITH REDUCED PRICE

☐ **975 € GROUP price** (3 or more participants - please ask)

☐ **825 € ONE DAY TICKET:** ☐ 26 February or ☐ 27 February

☐ **0 € FREE TICKET** (speaker-ticket for the lead author)

#### REDUCED FEES are ONLY available in case of EARLY PAYING

- reduced fee has to be paid before 28 February 2015 (otherwise the standard fee has to be paid without any reduction).

→ PLEASE INDICATE: Preferred mode of payment method: ☐ Bank transfer or ☐ Cash (on site)

→ SPONSORING-PACKAGES: ☐ Bronze-Sponsor: 1000 € - ☐ Silver-Sponsor: 2000 € - ☐ Gold-Sponsor: 3000 € (incl. VAT)

>>> Date / Signature: \_\_\_\_\_



<<<

**Payment Procedure:** Please notice that your personal Check-In-Card will be activated after the payment process is finished. In case of delayed or incomplete payment the regular registration fee plus an extra handling fee of 100 € will be charged when paying cash on site (BEFORE THE CONFERENCE BEGINS). Complete fee has to be paid before entering the conference rooms.

**Cancellation conditions:** Regular Cancellation is possible **8 weeks before the conference begins**. Cancellation fee: 175 €

In order to avoid extra fees, we recommend to nominate a substitute from your company - **completely free of charge!**

**Do you have any questions? → PLEASE CONTACT THE ORGANISER:** IFV BAHNTECHNIK e.V. - [www.ifv-bahntechnik.de](http://www.ifv-bahntechnik.de)

>>> Managing Director: Mr. Schulz (CEO) - phone: +49(0)30 81898731 - cell phone: +49(0)17670094803

>>> Registration: Ms Nienhaus - phone: +49(0)30 31429298 - Payment: Ms Scheffler-Schuch - phone: +49(0)30 31473807

>>> E-Mail: [tagung@ifv-bahntechnik.de](mailto:tagung@ifv-bahntechnik.de) - Fax: +49(0)30 31425452 or Fax +49(0)70047472000

The programme may be subject to alterations! - See conference website: [www.railway-network.eu/fire-safety](http://www.railway-network.eu/fire-safety) - Programme Version: 04 March 2015 (updated)

## DEADLINE FOR PARTICIPANT APPLICATION: 19 March 2015