

CTIF NEWS

Fire, Rescue & New Challenges: Ostrava, October 25-26, 2019

SEMINAR PROGRAM:

The virtual **Registration Desk** is now open for the 2nd CTIF Seminar "Fire, Rescue & New Challenges", Ostrava, Czech Republic, October 25-26 !

The Location: The 2019 CTIF Seminar, hosted by Ostrava Fire Services October 25 - 26, will be held at the **Hotel Clarion** in Ostrava, a well equipped hotel in the heart of the city with all amenities.

Travel: Ostrava is a modern city on the heart of Moravia, Czech Republic, located approximately 3 hours east of Prague by train. **Free airport shuttles** will be provided from the two nearest airports **Krakow** and **Katovice**, which are both in Poland, about one hour from Ostrava.

Those wishing to fly in to Prague International airport will need to book their own fast train to Ostrava (Approximately a 3 hour journey.)

Click here to go the the Virtual **Registration Desk**



Dear CTIF Member,

CTIF and the **Fire Rescue Brigade of Moravian-Silesian Region** are excited to announce the Program for the **CTIF Seminar, Fire, Rescue & New Challenges 2019.**

This year's 2-day seminar in Ostrava, Czech Republic, will be divided into four half days with the following themes:

- **Communications within Fire & Rescue**
- **New Procedures & Best Practices**
- **Innovations & Technology in Fire & Rescue**
- **Lessons Learned from Recent or Past Events**

Deadline for registration is October 4th!

For more updates on Schedules and Program, please check back in at **CTIF.org**.



Exhibiting at the CTIF Seminar 2019:

Associate Members interested in corporate exposure at the CTIF Seminar, please contact CTIF vice president Ole Hansen: (Norway)

olejahansen@gmail.com

+ 47 906 19 465

Corporate Members can also contact Vice President Milan Dubravac or for Czech companies, contact Zdenek Nytra in Prague.

More information about exhibiting during the CTIF Seminar 2019 will follow in future CTIF Newsletters and on CTIF.org.

Please use and share our Resource Library on CTIF.org!

CTIF NEWS

THE PROGRAM:

FRIDAY OCTOBER 25

1. Registration

2. Welcome, Introduction by CTIF president Tore Eriksson

3. Innovations & Technology in Fire & Rescue: PLENARY SESSION: (2 hours)

• The ISO 17840 project: The first worldwide firefighters' standardization - *Tom Van Esbroeck, Kurt Vollmacher*

• EURO NCAP cooperation Euro NCAP - President *Pierre Castaign* and Secretary General *Michiel Van Ratingen*

LUNCH

1. Lithium batteries; new procedures - *Michel Gentilleau*

2. Challenges with new vehicles, past incidents - *Tore Eriksson*

COFFEE BREAK

New Procedures & Best Practices

1. IAEA - Manual for first responders to a radiological emergency, Cooperation with CTIF - *Jordan Arnswald*

2. Fire prevention and new challenges - *Aleš Jug*

3. **Forest fires** - *Jean-Frédéric Biscay*
4. **Drones in the Fire Service** - *Mark Bokdam*

SATURDAY OCTOBER 26:

PLENARY ROOM

Communications within Fire & Rescue

1. **CTIF Fire Statistics Centre** – *Prof. Dr.Sergey Sokolov, Margarita Gregorieva*

COFFEE BREAK

1. **Media competence initiative for firefighters** - *Andreas Rieger*
2. **New Ostrava Communication Centre** - *Vladimir Vlček*

LUNCH

Lessons Learned from Recent or Past Events

1. **Floods in Iran - Lessons Learned** - *Navid Bayat*

COFFEE BREAK

1. **Learning from the Grenfell Tower Fire** - *Dennis Davis*
2. **Firefighters Health** - *Tommy Bækgaard Kjær*
3. **CTIF Fire investigation Commission** – *Folkert van der Ploeg*
4. **CTIF Hazmat Commission** - *Roman Sykora*
5. **Closing the Seminar** - **TBA**

[To Register and more information, click here!](#)

Deadline for registration is October 4th!

We are looking forward to meeting you in Ostrava!



Type to enter a caption.

See you at Fire, Rescue & New Challenges in October 2019



EURO NCAP President Pierre Castaign will co-present the project "Euro NCAP Taskforce Rescue, Extrication and Safety" together with CTIF's Michel Gentilleau, known from the bi yearly "Technical days" in France.

Highlighted Speakers and Presentations:

The Seminar in Ostrava will open with a **2 - 2,5 hour long Plenary Session about the ISO 17840 project**, which is the first international standard for firefighters.

The **ISO 17840** project was initiated by CTIF and completed with the help of several other organizations such as EURO-NCAP, ISO and several others. Proposed schedule for the co-presentation in the Plenary Session:

1. **Tom van Esbroeck:** short intro
2. **Kurt Vollmacher:** ISO 17840 project (4 parts development + upgrade part 1)
3. **Michel Gentilleau & EURO NCAP President Pierre Castaign** present the project "Euro NCAP Taskforce Rescue, Extrication and Safety" (introduction tertiary safety and assessment)
4. **Donna Hovsepian** (communication officer Euro NCAP): presents the database and the application
5. **Tom van Esbroeck:** Implementation Process National Authorities and PUBLIC TRANSPORT (introduction to workshop 'How to Implement the Standard in your country'.)

The **ISO 17840** group will have an information booth throughout the entire seminar, to help answer questions and assist in setting up the implementation process for the new ISO Standard in each individual member country.



Prof. Dr. Sokolov Sergei

Center of Fire Statistics (CFS) of CTIF

Prof. Dr. Sokolov Sergei is vice chief of the CFS and professor of the Academy of the State Fire Service of Emercom of Russia. The priority areas of his activity are fire statistics and computer modelling of emergency services operations.

His presentation will discuss the results of the CFS activity for 24 years.

The CFS was founded in 1995. **Since 1995** the CFS published 24 reports in English, Russian and German. Additionally, various reports of the CFS have been translated into five other languages - Polish, Spanish, Hungarian, Turkish, and Persian. All reports of the CFS since 2005 are available on the CTIF website for free download.

For 24 years, the Center has analyzed 92 million fires and 1 million victims of these fires in almost 90 countries of the world and in the 100 largest cities of the world.

The work carried out over 24 years allows us to answer the questions: How many fires are on the Earth? How many fire deaths and fire injuries on the Earth ? How much “cost” of fires? and many others.



Dr Ivana Kruijff-Korbayová

Team communication processing and process analytics for supporting robot-assisted emergency response.

Dr Ivana Kruijff-Korbayová is a senior researcher and project leader in the Multilingual Technologies Lab of the **German Research Center for Artificial Intelligence** in Saarbruecken, Germany (DFKI, www.dfki.de/lt), where she is leading the **Talking Robots Group** (www.talkingrobots.dfki.de) and the DFKI Competence Center for Emergency Response and Recovery Management (errem.dfki.de).

Robots need to understand the mission as it unfolds, the goals, the tasks within the human-robot team and the state of their execution.

Her current work aims to acquire mission knowledge by interpreting the verbal communication among the human response-team members and to use process mining techniques to ground the interpretations in analyses of mission process data and corresponding reference models.

Based on this she is developing a concept for mission assistance functions, including process assistance for the coordination of human-robot team operations; automatic mission documentation generation; and process modeling for first responder training.



Mark Bokdam

Drones in the fire services

Mark Bokdam is working as the manager of the drone organisation for the fire service of the Netherlands. His lecture will focus on his experiences using drones for a variety of applications within fire & rescue response in Holland.

In addition to his work for the fire service of the Netherlands, he works at Brandweer Twente as Head officer/commander in the lead at great incidents and also as Project Manager.



Navid Bayat is CTIFs National Delegate from Iran.

Flooding Disaster in Iran

Navid Bayat is the Head of R & D Office at the **Tehran Fire Department** and an advisor to the CEO of the organization with respect to international relations.

From mid-March to April 2019 some parts of Iran were **severely ravaged by record rainfall and unprecedented flash flooding**.

The disaster left dozens of people dead and injured and resulted in many infrastructures, homes and roads being significantly damaged, leaving thousands of people displaced.

Once again, we were reminded that preparation, appropriate management and public education play a crucial role in coping with disasters, particularly when we encounter the forces of nature.

Tehran Fire Department is the most advanced fire department in Iran. Tehran has a population of over 10 million people and is a dynamic city that is developing at a rapid pace, constructions is set to increase more than ever this year with many residential, commercial, industrial and tall buildings being planned for.



Ms. Jordan Arnswald is from the IAEA Incident and Emergency Centre.

IAEA: Manual for First Responders to a Radiological Emergency

Ms. Jordan Arnswald is from the IAEA Incident and Emergency Centre, where she works as an Associate Emergency Preparedness Officer.

Her presentation will discuss the **Manual for First Responders to a Radiological Emergency** and IAEA's cooperation with CTIF since the first version of the manual was published in 2006.

This session will include a discussion on the work that was done for the manual's revision and the path forward to train more first responders for radiological emergencies.



Prof. Dr. Ales Jug

Dr Prof. Aleš Jug currently serves as a chair for the **CTIF Fire Prevention Commission**. He holds a Ph.D. in Fire Safety Engineering from the University of Ljubljana, Slovenia, and a Ph.D. in Business Administration from Worcester Polytechnic Institute, U.S. He is trained as a volunteer firefighter. Previously has Dr. Jug served as a firefighter and fire chief at a volunteer fire brigade in Ljubljana, Slovenia. He is currently a professor at **Becker College**. His research interest covers the field of fire safety and supply chains, plus fire prevention.

Dr. Jug is also a member of the **International Fire Safety Standards (IFSS)** Coalition established by United Nations Economic Commission for Europe (UNECE). Coalitions aim is to prevent death and injury from the fire in the built environment and minimize the impact on communities, society, and the natural environment through codes and regulations.

His presentation will cover a variety of new challenges and fire safety risks we are seeing through the use of new combustible materials, social factors, demographics, and nevertheless, recent fire statistics. The presentation will highlight some problems we are seeing in current fire prevention models and suggests practices for better fire prevention.



Folkert van der Ploeg will be speaking about the work of The CTIF International Fire Investigation Working Group.

The CTIF International Fire Investigation Working Group

Folkert van der Ploeg, The Netherlands, is a fire officer/ FIT certified fire investigator. Member of national fire investigation group in the Netherlands. Teacher for one day a week on the Saxion University of Applied Sciences. Represents the CTIF Fire Investigation Working Group on behalf of the entire group.

The fire departments can no longer work without fire investigators!

It is important to identify the cause of a fire, to be able to determine the behavior of the fire and help the firefighters to learn from incidents. And not only firefighters, it is also important for community safety.

The CTIF working group for fire research was established in 2017. Since then there has been a meeting every year to share knowledge with each other. During the presentation a short explanation will be given about the working group and on the basis of practical examples, fire research will be further explained.



Andreas Rieger is the Chief Communications Officer of the Austrian Fire Brigade Association.

Media Competence Initiative For Firefighters

Andreas Rieger is the Chief Communications Officer of the Austrian Fire Brigade Association. He studied “public communication” at the university of applied sciences in Graz, Austria. Before joining the ÖBFV, he worked as film and video producer for about ten years.

In 2019 the Austrian Fire Brigade Association (ÖBFV) started a project called “Media Competence Initiative For Firefighters”. The main goal is to make Austrian firefighters “fit for the internet”.

In Austria 99% of the firefighters are volunteers (without salary). Many firefighters use social media platforms and present themselves as members of the fire department (for example with their profile photos wearing a uniform).

Everything they post, comment, like or dislike has a certain influence on the credit of every firefighter. By appearing in public as a firefighter makes you not only a private person on social media any more. And unfortunately, many of these postings are not supporting our communication interests.

The Grenfell Tower Fire



Dennis Davis, CTIF's Special Project Adviser and Chair of Commission Europe.

Dennis Davis, CTIF's Special Adviser, has an extensive fire and rescue service background, and is an independent international fire and civil protection adviser. In the UK he is also Executive Officer of the Fire Sector Federation, an organisation that works with fire organisations to improve fire safety.

A chartered fire engineer he has assisted a range of public and private organisations including governments, the European Commission, universities, professional associations and fire and rescue services after a forty year career that started as a firefighter and moved through to service chief and ultimately national chief inspector.

Professional contributions include being President of the Institution of Fire Engineers and the UK Chief Fire Officers, a CTIF Vice President and Director of the UK Fire Protection Association.

Grenfell Tower was especially difficult to operate within because of the single stairway construction, used for evacuation and firefighting access. The fire strategy for firefighting and rescue operations was based on the provision that the compartment of each flat could sustain and contain a fire.

Fundamental issues like **managing duration, logistics, access and travel distances** (for example from street to affected floor). These issues can be particularly difficult in legacy buildings where there are no active systems (such as automatic water sprinklers) or that lack fire detection and alarm, voice and communication systems or integrated control of ventilation and air conditioning.

Forest Fire Fighting in France



Commandant Jean-Frédéric BISCAY

Commandant Jean-Frédéric BISCAY

Directeur adjoint du Centre d'Essais et de Recherche de l'Entente Valabre

The French strategy of fighting forest fires is based on the attack of the fires outbreaks. This strategy continues with the massive attack.

"Operational Declining" is the installation of preventative devices. it mobilizes four wheel drive vehicles capable penetrating the forests as close as possible to the fire. And loaded aerial means flying over fire prone areas during the most risky periods.

In France this is called GAAR, and in English is called **Armed Airborne Watch** and is usually carried out between 12:00 and 19:00.

This approach works but it must be integrated with the consequences of climate change and global warming.

How to imagine future attacks through adapted means? And what kind of policy do we need to protect the forests?

