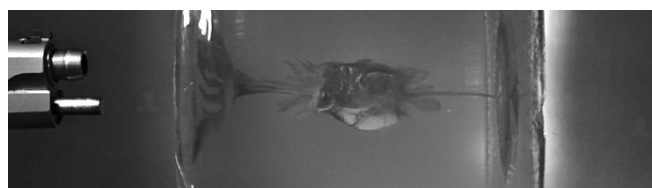
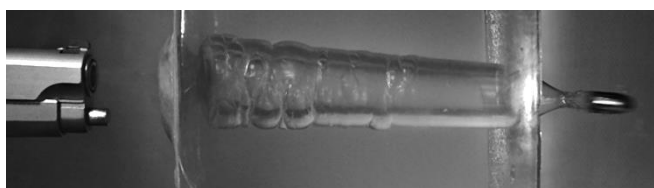
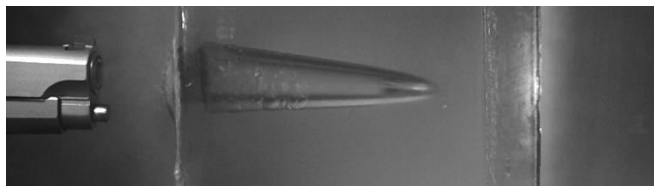
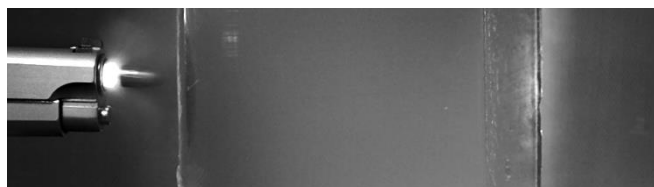


7TH SWISS INTERNATIONAL WOUND BALLISTICS WORKSHOP

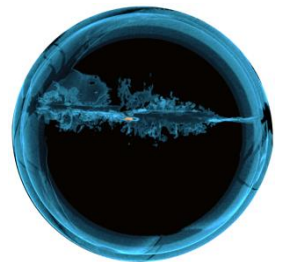
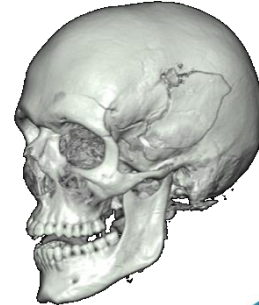
10TH – 12TH OCTOBER 2018



BACKGROUND INFORMATION

This two day Workshop discusses the **theoretical** and **practical** aspects of **wound ballistics**; the discussions are led by various experts. There are also live demonstrations, under laboratory conditions, of a variety of projectiles being shot into internationally accepted tissue simulants (no animals are used). The Workshop is designed to give an essential understanding of the subject, mainly to the following professions:

- **Health professionals**, especially trauma surgeons;
- **Forensic pathologists**;
- **Forensic specialists**;
- **Law enforcement shooting instructors**;
- **Lawyers** specialising in international humanitarian law and human rights law.



SCIENTIFIC ORGANIZATION

University of Bern
Institute of Legal Medicine
Forensic Physics / Ballistics
www.irm.unibe.ch



CONGRESS ORGANIZATION

IPH Hitzkirch
Interkantonale Polizeischule
Congress Center Hitzkirch
www.seminarhitzkirch.ch



LECTURERS

Dr. sc. forens. Beat P. Kneubuehl
MD h. c., bpk consultancy gmbh, Thun

Lucien C. Haag
Forensic Science Services, Inc., Carefree (AZ)

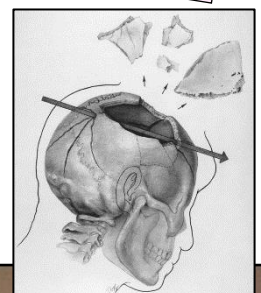
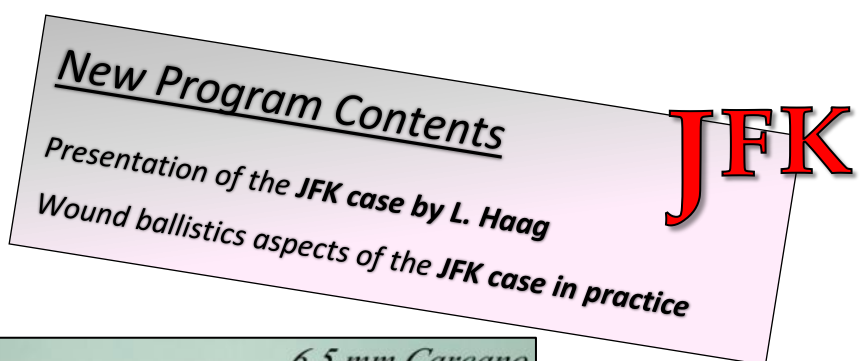
Prof. Dr. med. Markus A. Rothschild
Institute of Legal Medicine, Cologne

Dr. med. Thorsten Hauer
Army Hospital, Berlin

PD Dr. med. Christian Schyma
Institute of Legal Medicine, Bern

Dr. sc. forens. Fabiano Riva
Institute of Legal Medicine, Bern

Matthieu Glardon
Institute of Legal Medicine, Bern



PROGRAM OVERVIEW AND CONTENT

The main language of the Workshop is English
Under request PowerPoint slides can also be provided in French, German or Italian

In General

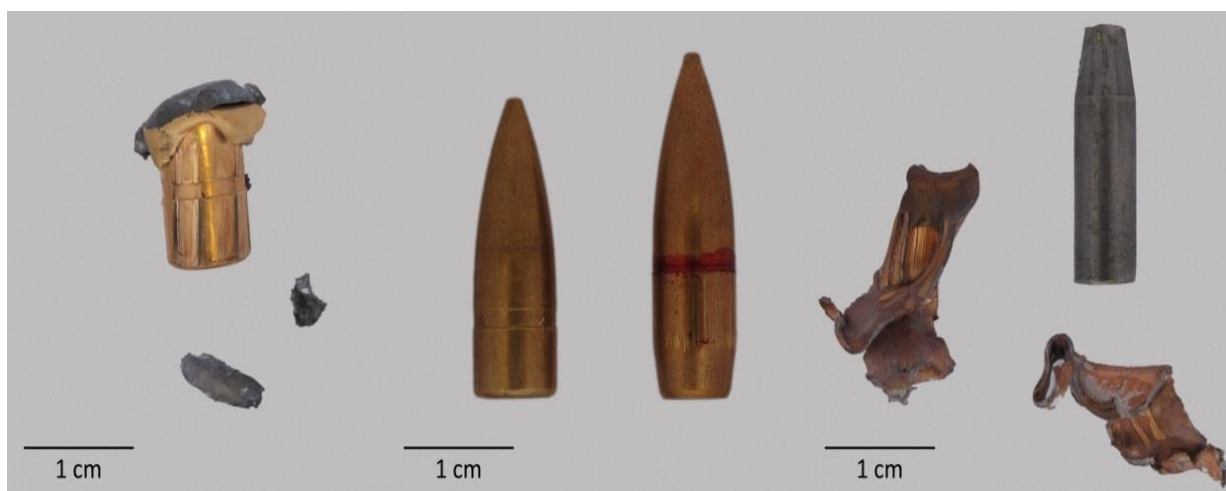
- 3-days' Workshop with 2 nights included
- Alternating Theoretical and Practical sessions
- Social events promoting discussion + experience exchange

Scientific session

- Weapons and ammunition
- Ballistics (Interior-, Exterior-, Terminal-)
- Wound ballistics – Basics and legal medicine
- Exterior and Wound ballistics aspects of the assassination of JFK
- Wound ballistics, surgery and war surgery
- Wound ballistics and international law
- Wound ballistics – Forensic imaging and forensic applications

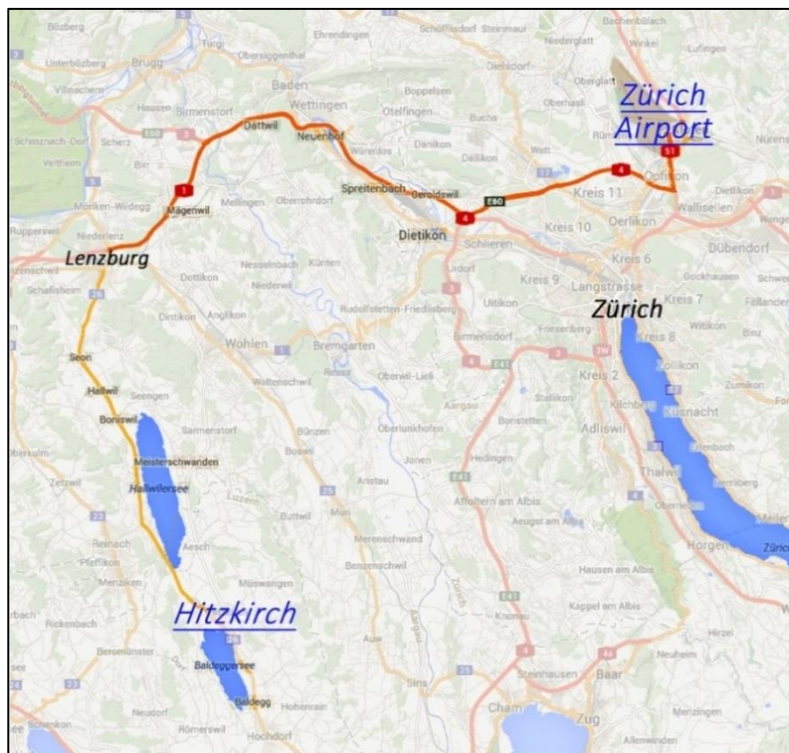
Practical session in the shooting range

- Shooting in ballistic soap – Military vs. hunting bullets (handguns and rifles)
- Shooting through polyurethane bones casted into ballistic gelatine
- Wound channel of ricocheted bullets (handguns and rifles)
- Wound ballistics reconstruction of the assassination of JFK
- Influence of the twist rate on the wound channel
- Simulation of wounds caused by shooting at long distance
- Velocity vs penetration in gelatine
- Simulation of injuries caused by fragments
- Simulation of injuries caused by alarm pistols
- Contact vs distance shot in skull model
- Forensic applications and more...



PLACE, ACCOMMODATION AND REGISTRATION

Place and Transportation: Hitzkirch is located about 60 km from Zurich airport and 40 km from the center of Zurich. It is possible to reach Hitzkirch by car or by train directly from Zurich airport. More information about the railway can be found on www.sbb.ch/en/



Accommodation: The Workshop will take place at the Congress Center Hitzkirch (part of the Hitzkirch College for Police Officers), Switzerland. The center has its own ★★★ hotel and restaurant: www.seminarhitzkirch.ch/



Workshop fee: The fee is CHF 1600 (approx. EUR 1350, US\$ 1700 depending on the exchange rate). This includes **board**, lodging for **2 nights** and **all laboratory demonstrations**.

Registration: The Workshop will take place between the 10th and the 12th of October 2018. To participate, please send the fulfilled and signed registration form (by email) to Mr. F. Riva (fabiano.riva@irm.unibe.ch) before the 14th of September 2018.

For questions or additional information, please contact Mr. Fabiano Riva (fabiano.riva@irm.unibe.ch / +41 31 631 84 11).