

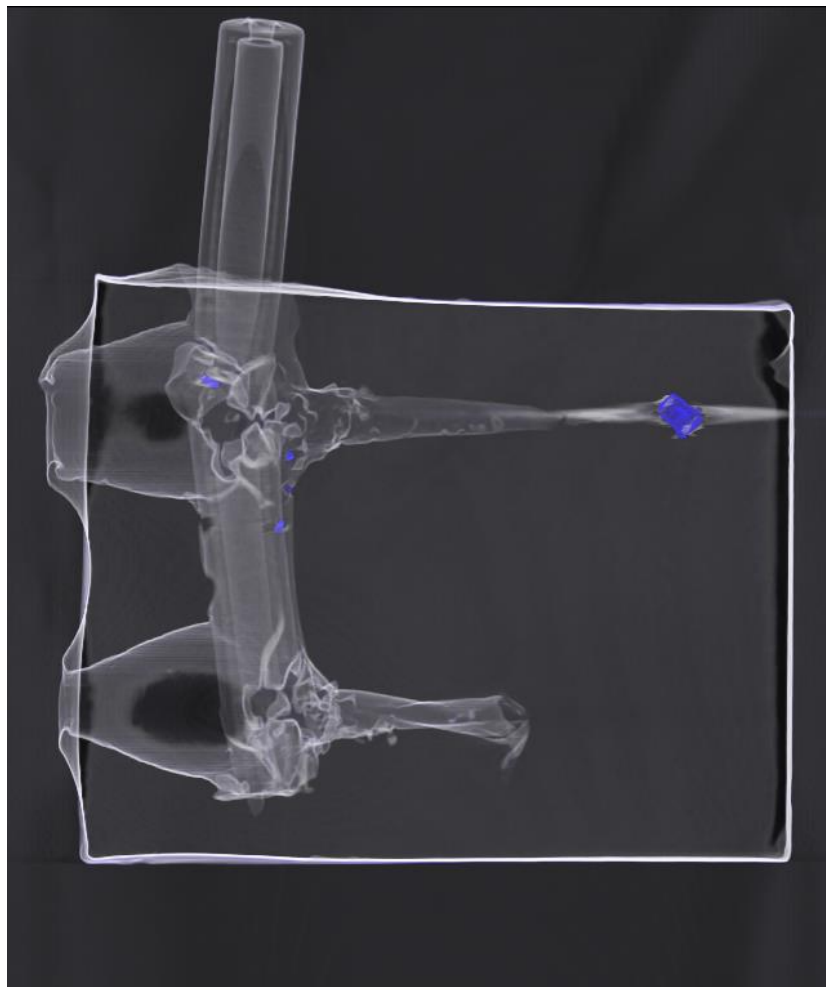
X^o SIWBW

SWISS INTERNATIONAL WOUND BALLISTICS WORKSHOP

7TH – 9TH DECEMBER 2022

University of Bern

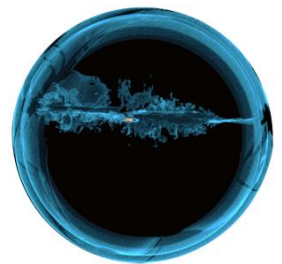
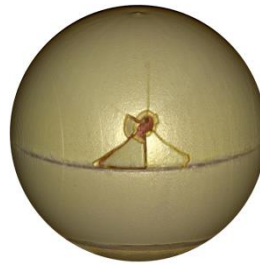
Institute of Forensic Medicine



BACKGROUND INFORMATION

This three 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 Forensic Medicine
Forensic Medicine & Imaging
www.irm.unibe.ch



CONGRESS ORGANIZATION

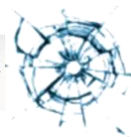
IPH Hitzkirch
Interkantonale Polizeischule
Congress Center Hitzkirch
www.seminarhitzkirch.ch



LECTURERS

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Ballistik Physik Kriminalistik



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UNIVERSITÄT BERN

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Institute of Legal Medicine, Lausanne



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 or German

In General

- Start on Wednesday 7th of December 2022 at ~2 pm
- End on Friday 9th of December 2022 at ~5 pm
- 3-days workshop with 2 nights and meals 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
- Wound ballistics, surgery and war surgery
- Wound ballistics and international law
- Wound ballistics – Forensic imaging and forensic applications
- Guest speaker from the ballistic unit of a European forensic laboratory

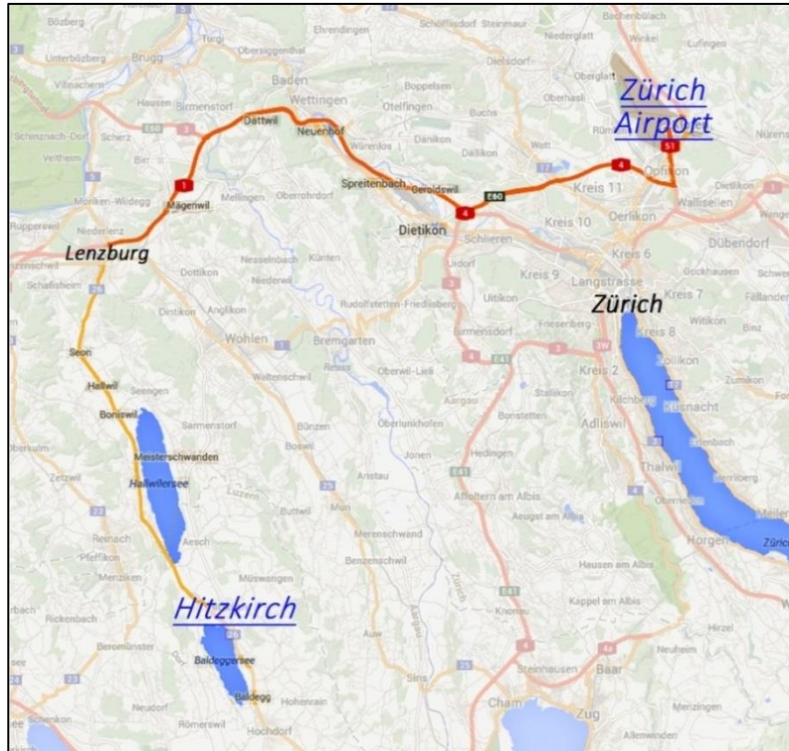
Practical session in the shooting range

- 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)
- 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 centre of Zurich. It is possible to reach Hitzkirch by car or by train (recommended) 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 Centre Hitzkirch (part of the Hitzkirch College for Police Officers), Switzerland. The centre has its own ★★★ hotel and restaurant: www.seminarhitzkirch.ch/



Workshop fee: The fee is CHF 1550 (approx. EUR 1513 or US\$ 1658 depending on the exchange rate). This includes **board**, lodging for **2 nights** and **all laboratory demonstrations**.

Registration: The Workshop will take place between the 7th and the 9th of December 2022. To attend, please send the completed and signed registration form (by email) to contact@irm.unibe.ch mentioning **10th SIWBW 2022** in the subject (mandatory). You can find the registration form on www.irm.unibe.ch or request it by email.