

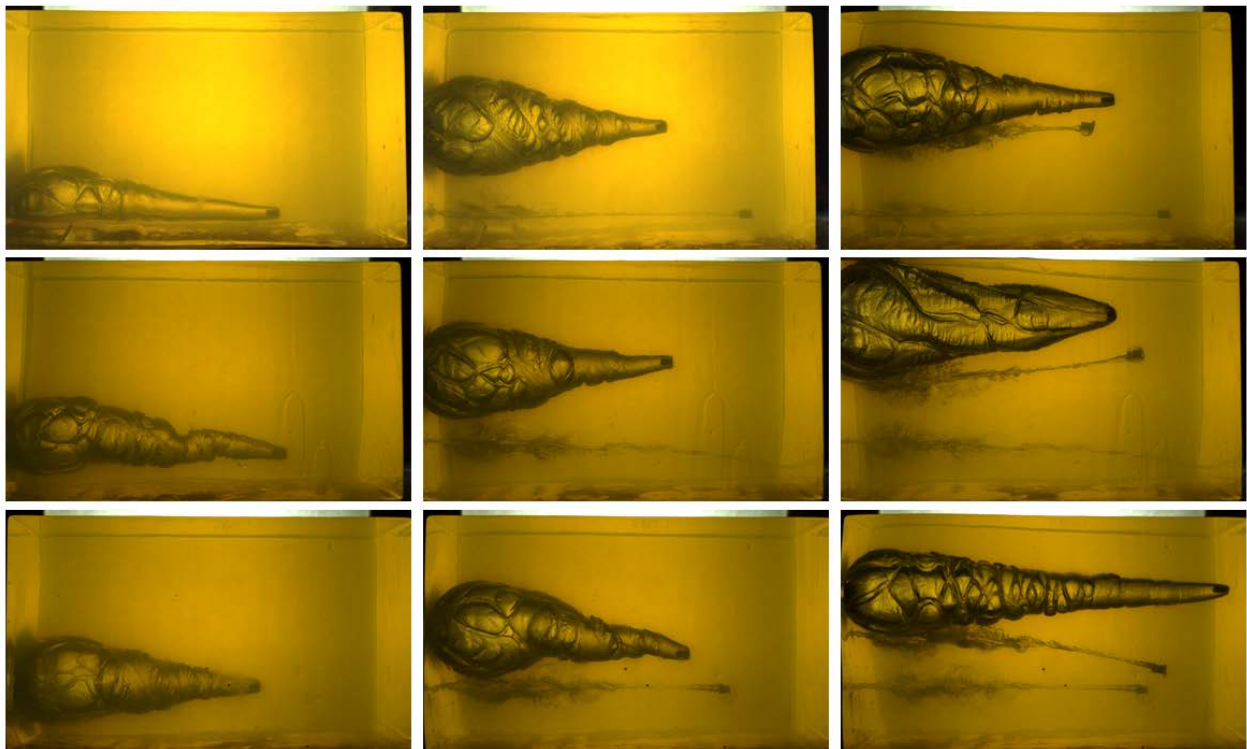
IX^o SIWBW

SWISS INTERNATIONAL WOUND BALLISTICS WORKSHOP

DECEMBER 16TH – 18TH 2020

University of Bern

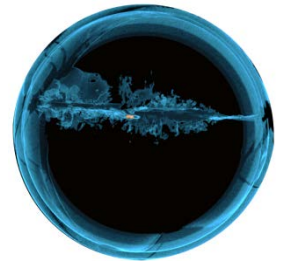
Institute of Forensic Medicine



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

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

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

Wim Kerkhoff
Netherlands Forensic Institute, The Hague

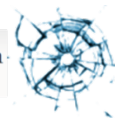
Dr. med. Thorsten Hauer
Army Hospital, Berlin

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

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

Matthieu Glardon
Institute of Legal Medicine, Bern

bpk consultancy gmbh
Ballistik Physik Kriminalistik



University
of Cologne



Netherlands Forensic Institute
Ministry of Justice and Security



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**UNIVERSITÄT
BERN**



PROGRAM OVERVIEW AND CONTENT

In General

- Start on Wednesday 16th of December 2020 at ~2 pm
- End on Friday 18th of December 2020 at ~5 pm
- 3-days' Workshop with 2 nights and meals included
- Alternating theoretical and practical sessions
- Social events promoting Discussion + Experience Exchange

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

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

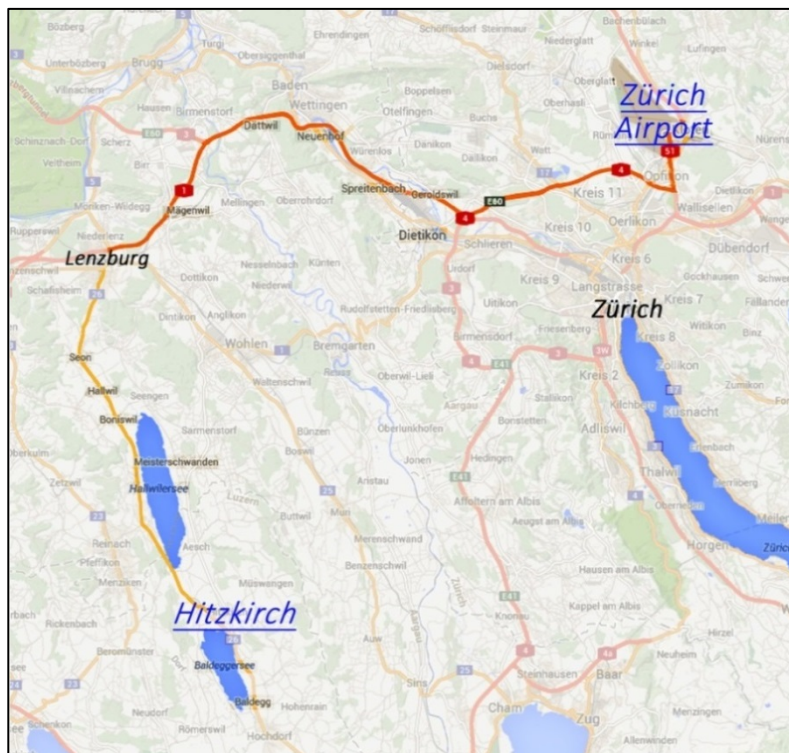
Practical session in the shooting range

- 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 center 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 1375, US\$ 1575 depending on the exchange rate). This includes **board**, lodging for **2 nights** and **all laboratory demonstrations**.

Registration: The Workshop will take place between the 16th and the 18th of December 2020. To participate, please send the fulfilled and signed registration form (by email) to contact@irm.unibe.ch mentioning **9th SIWBW 2020** in the subject (mandatory). You can find the registration form on www.irm.unibe.ch or request it by email.