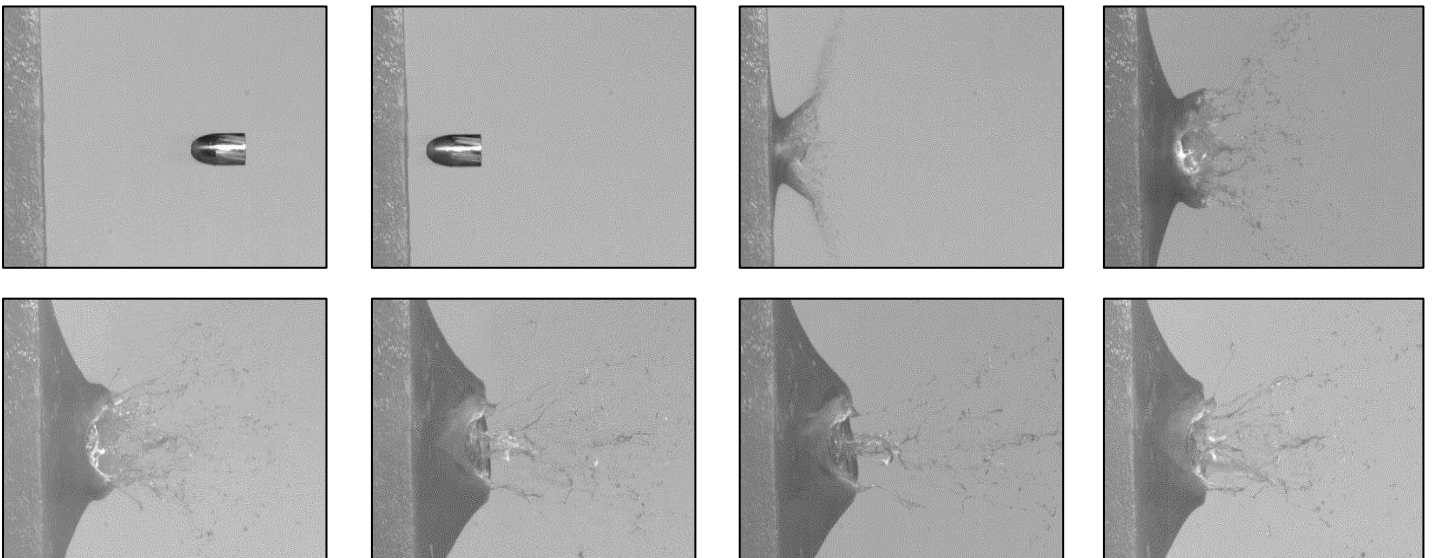


5TH SWISS INTERNATIONAL WOUND BALLISTICS WORKSHOP

12TH – 14TH OCTOBER 2016

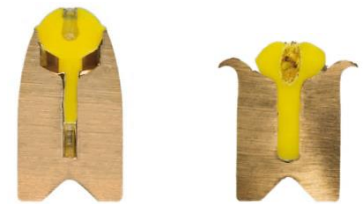
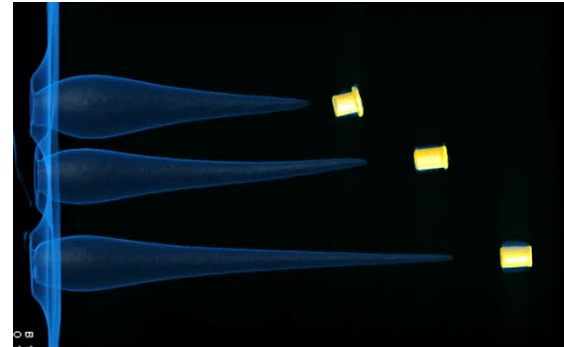
University of Bern
Institute of Legal Medicine
Center of Forensic Physics and Ballistics



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



ORGANIZERS

Scientific Organization

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

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**UNIVERSITÄT
BERN**

Congress Organization

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
Dr. Thomas Kamphausen, Institute of Legal Medicine, Cologne
Dr. med. Nelson Olim, Senior Surgeon, ICRC, Geneva
Prof. Dr. med. Christian Jackowski, Director of the Institute of Legal Medicine, Bern
Dr. med. Thorsten Hauer, Military 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

First day

- Arrival, early bird reception and refreshment

The main language during the Workshop is English

On request PowerPoint slides can be provided in French, German or Italian

Second day

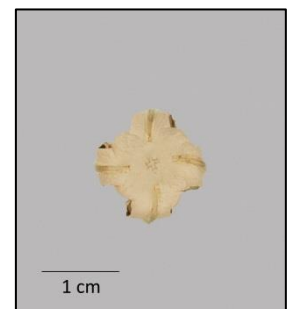
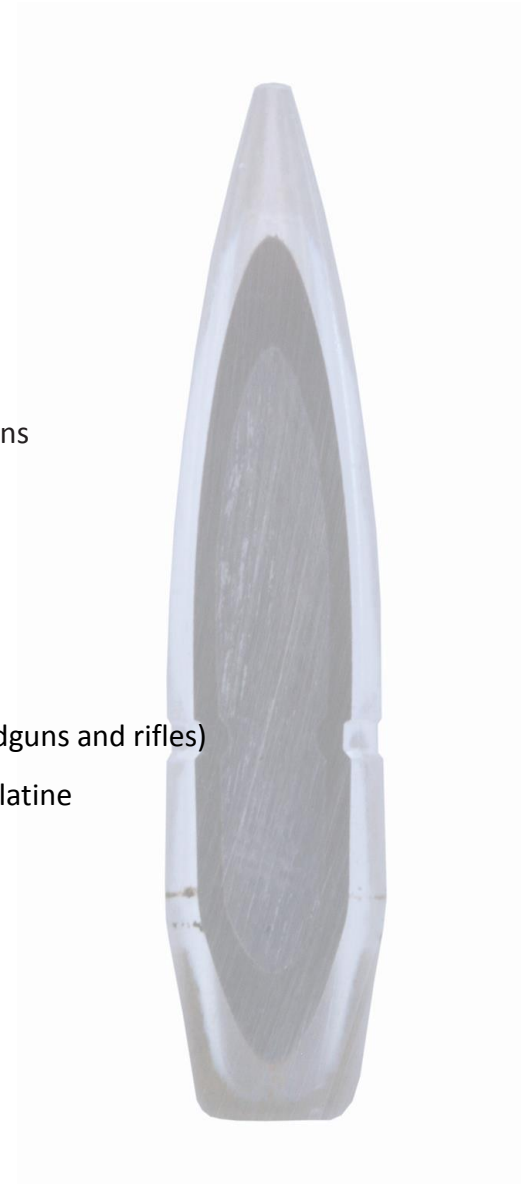
Scientific session

- 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

Third day

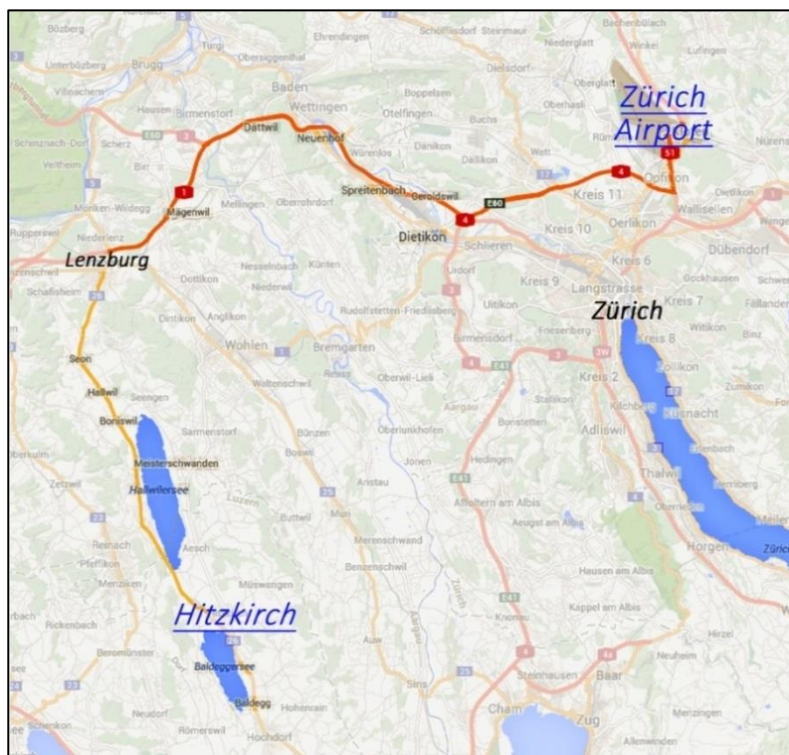
Practical session in the shooting range

- 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
- Shots sequence on a brain-skull model
- Fragments injury simulation
- Simulation of injuries caused by alarm pistols
- 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 the following website: www.sbb.ch/en/



Accommodation: The Workshop will take place at the Congress Center Hitzkirch (part of the Hitzkirch College for Police Officers), Switzerland. This center has its own 3-star hotel and restaurant: <http://www.seminarhitzkirch.ch/>



Seminarzentrum Hitzkirch
Seminarstrasse 10
CH-6285 Hitzkirch

Workshop fee: The fee is CHF 1500 (approx. EUR 1400, US\$ 1515 depending on the exchange rate). This includes **board**, lodging for **2 nights** and **all laboratory demonstrations**.

Registration: The Workshop will take place between 12th and 14th October 2016. For registration please send the fulfilled registration form (find it on: www.irm.unibe.ch) by email to Mr. F. Riva (fabiano.riva@irm.unibe.ch).

Questions or additional information can be requested via e-mail to (fabiano.riva@irm.unibe.ch) or by phone +41 31 631 84 11.