

FOURTH SWISS INTERNATIONAL WOUND BALLISTICS WORKSHOP

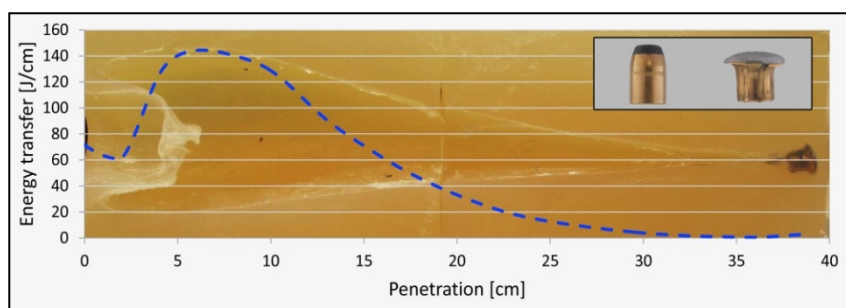
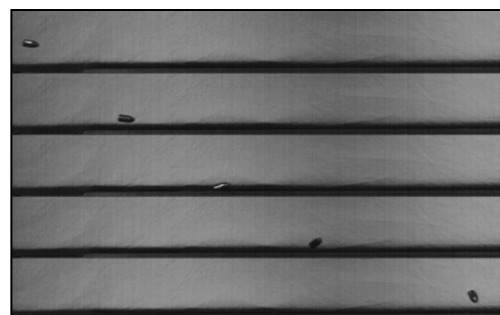
OCTOBER/NOVEMBER 2015

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 three professions:

- Health 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. med. Robin M. Coupland, MD, ICRC, Geneva
Prof. Dr. med. Christian Jackowski, Director of the Institute of Legal Medicine, Bern
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 CONTENTS

First day

- Arrival, early bird reception and refreshment

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

New

The main language during the Workshop is English

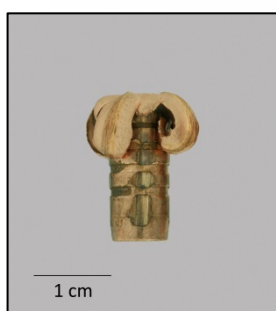
Under request PowerPoint slides can be provided in French, German or Italian

During the practical session roughly German or French translation can be provided

Third day

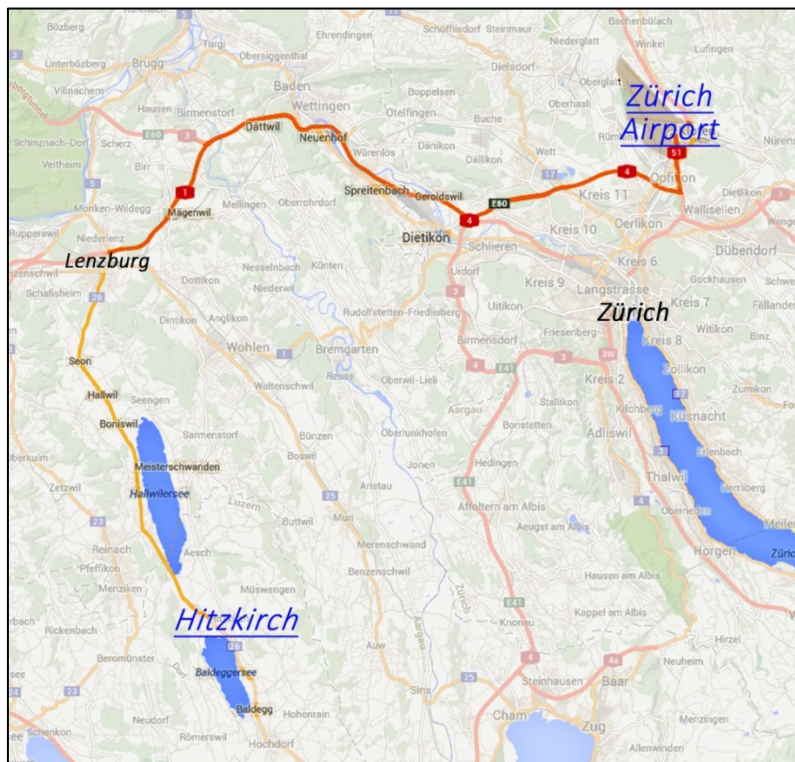
Practical session in the shooting range

- Shooting in ballistic soap – FMJ vs. SJSP bullets (handguns and rifles)
- Shooting through polyurethane bones casted into ballistic gelatine
- Wound channel of ricocheted bullet
- 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
- Forensic applications and more...



PLACE, ACCOMMODATION AND REGISTRATION

Place and Transports: 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 Workshop fee is SFr. 1500 (ca. EUR 1250, US\$ 1650). This includes **board**, lodging for **2 nights** and **all laboratory demonstrations**.

Dates and Registration: the Workshop is planned between the end of October and early of November 2015. The dates as well as the registration form will be available from early 2015. Questions or additional information requests can also be addressed per E-mail (fabiano.riva@irm.unibe.ch) or by phone at the following phone number +41 31 631 84 11.