

Activity report 11th International Airborne Radiometry Technical Exchange

Traveler: Tönjes Koschine

Event: 11th International Airborne Radiometry Technical Exchange

Location: Spiez, Switzerland

Dates: September 18, 2023, to September 22, 2023

Departure Date: September 17, 2023

Institution: Federal Office for Radiation Protection

Role at the Conference: Professional with a presentation on September 19, 2023

Introduction: I attended the 11th International Airborne Radiometry Technical Exchange in Spiez, Switzerland, representing the Federal Office for Radiation Protection. My role at the conference was that of a professional, and I had the privilege of presenting my work on September 19, 2023. This report outlines my activities and experiences during the event, including my travel and the relevant topics discussed during the conference.

Pre-Travel Preparations:

1. **Travel Arrangements:** I booked my train tickets for departure from Berlin to Spiez on September 17, 2023, and for my return journey by plane from Spiez on September 22, 2023.
2. **Accommodation:** I secured accommodation at prizeotel in Bern for the duration of the conference.
3. **Event Registration:** I completed the conference registration process well in advance and received confirmation of my participation, including the presentation slot on September 19, 2023.

Day 1: September 17, 2023 - Arrival and Check-In

- **Train Journey:** I departed from Berlin by train and arrived in Bern, Switzerland, after a comfortable journey.
- **Hotel Check-In:** After arriving in Bern, I checked into my accommodation at prizeotel and settled into my room.

Day 2: September 18, 2023 - Conference Day 1

- **Conference Registration:** I registered at the conference venue and received my badge and conference materials.

- **Keynote Session:** The conference commenced with an engaging keynote session, where distinguished speakers shared insights into recent advancements in airborne radiometry.
- **Technical Sessions:** I actively participated in various technical sessions throughout the day, gaining knowledge on a range of topics, including data evaluation of airborne gamma spectroscopy data, usage of simulated data for exercises, quality assurance, and new methods in the field of airborne gamma spectroscopy.
- **Networking:** During breaks and lunch, I engaged in networking discussions with fellow attendees, facilitating the exchange of ideas and experiences.

Day 3: September 19, 2023 - Conference Day 2 (Presentation Day)

- **Presentation:** On this day, I delivered my presentation, titled "Automatic Evaluation of Quality Assurance Measurements using Numerical Method". The session was well-received, and I received valuable feedback from both the audience and fellow presenters.
- **Technical Sessions:** After my presentation, I continued to attend technical sessions, focusing on areas of interest pertinent to my research.

Day 4: September 20, 2023 - Conference Day 3

- **Technical Sessions:** The conference's third day featured further technical sessions, including presentations on relevant topics related to airborne gamma spectroscopy.

Day 5: September 21, 2023 - Conference Day 4

- **Technical Sessions:** The penultimate day of the conference included technical sessions that expanded my knowledge on airborne radiometry applications and techniques.
- **Outdoor presentation:** In the afternoon the Labor Spiez presented various techniques and measurements where I gained a deep insight in the work of the colleagues.

Day 6: September 22, 2023 - Departure

- **Bilateral Meetings:** In the morning I attended various bilateral meetings to plan the upcoming international activities in the field of airborne gamma spectroscopy
- **Check-Out:** I checked out of prizeotel and departed from Bern by train and plane, concluding my trip back to Berlin.

Conclusion: My participation in the 11th International Airborne Radiometry Technical Exchange was a rewarding experience. I had the opportunity to contribute to the

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conference through my presentation, learn from experts in the field, and establish valuable connections with fellow professionals. The conference's focus on relevant topics such as data evaluation, the usage of simulated data, quality assurance, and new methods in airborne gamma spectroscopy greatly enriched my knowledge in this field.

Recommendations: I enthusiastically recommend this conference to colleagues and peers who are interested in airborne radiometry. It serves as an excellent platform for knowledge exchange, networking, and professional growth in this specialized field.