

ATLAS Calorimetry Calibration Workshop

Follow-up of the Ringberg Workshop 2002

Tatranská Ľotrba, High Tatra Mountains, Slovakia

December 1 - 5, 2004

BULLETIN 1

1. AIM OF THE WORKSHOP

The ATLAS combined performance groups and the calorimeter communities plan a four-day working meeting to discuss calibration strategies for the Liquid Argon and Tile Calorimeters. The goals of this meeting are

1. Review, understand and evaluate the strategies employed by the various calorimeter working groups in ATLAS to achieve final energy calibration, especially with respect to calibration models used in presently operating large scale heterogeneous calorimeter systems (D0, CDF, H1);
2. Generate a short-term work plan for implementation of calibration algorithms in ATHENA, to allow a somewhat realistic reconstruction of data from the upcoming Data Challenge 1 in each calorimeter module;
3. Initiate a close collaboration between interested groups and people for calibration of the ATLAS calorimeters for "Day 1" of physics (and beyond) and integrate it and all follow-up activities into the present combined performance groups. The results of the workshop will be summarized and presented to the larger community as soon as possible;

Discussed subjects will include final calibration of reconstructed calorimeter signal objects, which includes global strategies for combining signals from various calorimeters, and treatment of crack regions. Some emphasis will be put on the use of testbeam data and collision physics (in-situ calibration) for energy scale normalization, and the determination of the corresponding errors. Calibration of physics objects in specific final states is, on the other hand, beyond the scope of this particular workshop.

2. ORGANIZATION

- **Session Organizers:**

Strizenec, P., Rajagopalan, S., Schacht, P., Solodkov, S., Unal, G., Vichou, I.

- **Local Organizing Committee**

Dušan Bruncko, Pavol Strizenec
Secretariat: Ursula Grenzemann, Marlene Schaber

- **WEB Page**

The workshop homepage is at <http://www.saske.sk/UEF/OSF/ATLAS/strba/>

3. PLACE

The ATLAS Calorimetry Calibration Workshop organized by the Institute of Experimental Physics Slovak Academy of Sciences, will be held at the Hotel *Meander* in Tatranská Ľotrba, located in the region of High Tatras, Slovak Republic, from December 1 – 5, 2004.

4. PROGRAMME

The programme will be organized in six half day meetings starting on Wednesday afternoon and ending Saturday evening. The evenings will be left free for discussions and special events.

The presentations will be accepted only in electronic form. Please contact the session convenor if you want to make a presentation.

Registration in the hotel will start on Wednesday, December 1, at 1.00 p.m.

We foresee a joint excursion to the High Tatras on Friday afternoon. A pair of sturdy shoes and a warm coat may be useful. In the beginning of December the climate in the High Tatras will be around 0°C and it could be snowing.

5. ACCOMMODATION AND PARTICIPATION

Standard accommodation of the participants in the Hotel *Meander* will be in double rooms. Please indicate in the “Remark” Field of the Registration form your preference with whom you want to share the room.

The extra charge “*double for single room use*” is €40. There are only a limited number of rooms available, which will be distributed on a first asked first served basis.

6. REGISTRATION

In view of the limited space, we ask for your early registration.

Deadline for Registration: October 31th, 2004.

The package price will be **€300** including accommodation, full board during the four days, morning and afternoon refreshments during the workshop, a half-day excursion and the workshop dinner.

It will be increased to **€330** in case of later registration.

For accompanying persons the full rate amounts to **€250**.

	before October 10 th , 2004	after October 10 th , 2004
Registration fee	€ 300,00	€ 330,00
Fee for accompanying persons	€ 250,00	€ 250,00

There exists the possibility to come one day earlier and/or stay one day longer at an extra charge of **€50** per day, including breakfast.

PAYMENT

- Payment should be made preferentially via bank transfer to the account:

Account holder: Horst Oberlack
Bank: Deutsche Bank 24, München
BLZ: 700 700 24
Account # 220 6183479 01
BIC (Swift-Code) DEUTDEDBMUC
IBAN DE72 7007 0024 0618 3479 01
Usage: Tatra Workshop 2004 Registration – Name, First Name

All payments must be free of bank charges to the receiver, i.e. all bank charges for effecting the international money transfer must be met by the remitter.

- In cash during on-site registration at the Workshop Secretariat on December 1st.

Credit cards will not be accepted.

7. TRAVEL

- **By Plane**

☉trba can be reached by plane via Ko*ice, Bratislava or Vienna. We recommend to reach ☉trba through the closest international airport in Ko*ice (~ 120 km). Please book your tickets early in advance, since the capacity of the planes to Ko*ice is very limited.

There is a train leaving Ko*ice to ☉trba nearly every 2 hours. According to the actual needs, a bus shuttle service between Ko*ice and ☉trba will be organized.

- **By Train**

The trains from Bratislava and Ko*ice stop directly in ☉trba. The IC trains from Vienna and also from Prague stop in Poprad. There are regular direct train connections from Bratislava, Vienna, Ko*ice, Prague, and Budapest.

There will be a bus shuttle service between Poprad main station and the *Hotel Meander* in ☉trba. A taxi drive from Poprad Main Station to *Hotel Meander* would amount to approx. **€15,00**.

➔ **Please watch the Webpage, it will continuously be updated with new information concerning flight and train connections.**