

VCI 2007

The 11th Vienna Conference on Instrumentation **Vienna, Austria – February 19-24, 2007**

TOPICS:

Detectors and associated Electronics for
High Energy Physics and Nuclear Physics, Astrophysics, Synchrotron Radiation
and Neutron Scattering, Applications in Biology and Medicine

ORGANISERS:

Institute of High Energy Physics, Austrian Academy of Sciences, Vienna (HEPHY)
Atomic Institute of the Austrian Universities, University of Technology, Vienna (ATI-TUW)

ORGANISING COMMITTEE:

M. Krammer (chairman), J. Hrubec, M. Jeitler, W. Mitaroff, M. Regler (all HEPHY)
G. Badurek (ATI-TUW)

ADVISORY COMMITTEE:

G. Alexeev (JINR, Dubna, RUS)
A. Breskin (Weizmann Inst., Rehovot, IL)
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P. Krizan (Univ. Ljubljana, SLO)
R. Ruchti (NSF, Arlington, USA)
A. Scribano (INFN Siena, I)
A. Skrinsky (BINP, Novosibirsk, RUS)

INVITED SPEAKERS:

Paula Collins (CERN, Geneva, CH)
Andrey Golutvin (ITEP, Moscow, RUS)
Peter Krizan (Univ. Ljubljana, SLO)
Paul Lecoq (CERN, Geneva, CH)
Joachim Mnich (DESY, Hamburg, D)
Graham Smith (BNL, Upton, USA)
Helmuth Spieler (LBNL, Berkeley, USA)
Hiro Tajima (SLAC, Menlo Park, USA)
Maxim Titov (Univ. Freiburg, D)
Summary Talk:
Fabio Sauli (CERN, Geneva, CH)

PATRONAGE:

The Federal Minister of Education, Science and Culture
The President of the Austrian Academy of Sciences
The Rector of the University of Technology, Vienna
The Rector of the University of Vienna
The European Physical Society

Webpage: <http://vci.oeaw.ac.at/>

June 7, 2006

BEFORE THE CONFERENCE

APPLICATION FOR ATTENDANCE:

Deadline: February 2, 2007.

Registration is handled by

AUSTROPA INTERCONVENTION

attn. Katharina Steinbauer, (Email: vci@interconvention.at)
Friedrichstrasse 7, A-1010 Vienna, Austria, Europe
Phone: +43 1 588 00 525 – Fax: +43 1 588 00 520

Please register via the web at <http://vci.oeaw.ac.at/> (click Registration & Hotels).

Application becomes valid only after payment of the fee; acknowledgement of payment will be sent to each participant.

Candidates for the Academy exchange program are kindly requested to contact M. Regler (regler@hephy.oeaw.ac.at) for special registration.

CONFERENCE FEE:

Payments are accepted in EUROS (€) only.

Full fee (hardbound Proceedings and social events included)	€ 430.00
Early fee (if registered before Nov. 17, 2006)	€ 390.00
Individual members of European Physical Society	€ 390.00
Reduced fee (without Proceedings, but social events included)	€ 215.00
• Individual members of the Austrian Physical Society (ÖPG)	
• Students (copy of Student ID Card to be faxed to AUSTROPA)	
Accompanying persons (admission to all social events)	€ 50.00

Extra copies of the hardbound Proceedings can be ordered (must be pre-paid before or during the Conference) at a special discount price of € 70.00.

The conference fee can be paid by:

- **Credit card payment (Diners-Club, VISA, Euro/MasterCard, AMEX)** via Austropa's secure web form of "Registration & Hotels" (see above) is recommended.
- **Paying by bank transfer:**
Please transfer the Total Amount Due in EUROS as mentioned above (free of bank charges for the recipient) to: **Austropa Interconvention, Bank Austria - Creditanstalt AG, Operngasse 8, 1010 Vienna/Austria,**
Account No.: 00602 364 234, Bank Code: 12 000,
IBAN-Code: AT12 1200 0006 0236 4234, BIC-Code: BKAUATWW.
Please remember to include the **participant's name** and the reference "**VCI**".

Participation can be **cancelled only before February 2, 2007** and in writing; 80% of the total fee will be refunded soon after the conference.

BEFORE THE CONFERENCE (cont'd)

CORRESPONDENCE:

All mail must be addressed to

INSTITUTE OF HIGH ENERGY PHYSICS of the Austrian Academy of Sciences

attn. "VCI 2007 Organising Committee" (Email: vci@hephy.oeaw.ac.at)

Nikolsdorfer Gasse 18, A-1050 Vienna, Austria, Europe

Phone: +43 1 544 73 28 - 36 (41) – Fax: +43 1 544 73 28 - 54

EXCHANGE AGREEMENTS:

We would like to remind you that there exist several exchange and friendship agreements between the academies, universities and physical societies. Please, contact these organisations in your country. The proposals for nominations must reach conference organisers 3 months before the conference at the latest.

SUBMISSION / CALL FOR ABSTRACTS:

Deadline: November 17, 2006.

Abstracts of contributions should be submitted to the Organising Committee. Please follow the instructions given in <http://vci.oeaw.ac.at> (click Submissions – Abstract).

Method of submission: please send L^AT_EX files by e-mail to vci@hephy.oeaw.ac.at with the subject field **submit-to-vci**. (People who have no possibility to use L^AT_EX can exceptionally submit their abstract as plain text.)

Please, don't forget to include name and e-mail address of the speaker and of the corresponding author (if different from the speaker).

The abstract should consist of no more than 20 lines (including header and empty lines). In addition, except for the invited talks, it must be accompanied by one *full size page* of more detailed information in order to allow the selection committee to make a sound decision. It should put the emphasis on new developments or at least reflect the progress achieved since the last Conference (2004). Please keep in mind that the presentation time for short talks is 20 minutes (discussion not included). For invited talks only the abstract is needed.

Receipt of all contributions will be acknowledged. The selection will be made by the International Scientific Advisory Committee together with the Organising Committee and will be completed by the middle of January 2007. No confirmation can be given before that date.

ORAL AND POSTER PRESENTATIONS

ORAL PRESENTATIONS:

The speaker must be an author of the presented paper, and each person may give no more than one talk. The conference language is English. The talks must be presented on a computer video projector (beamer).

Any contribution for the beamer must be either a **Microsoft PowerPoint** (ppt) or an **Adobe Acrobat** (pdf) file. We encourage its early submission before the Conference – please, follow our instructions given in <http://vci.oeaw.ac.at> (click Submissions - Slides). In addition, you have to bring the beamer file **also on a CD-ROM, USB stick or diskette**. Support will be given to check the beamer file before the session. We are sorry that no private laptop connection to the beamer will be allowed.

Please make sure that your text and labelling of graphs is large enough to be readable. Be aware that some colours (e.g. bright green), which look good on the computer monitor may be almost illegible when projected from a beamer.

POSTER PRESENTATIONS:

The maximum width for a poster is 95 cm. A standard height of 119 cm is suggested. Otherwise we suggest using A0 format (84 x 119 cm²) or 4 x 4 US Letter format (34" x 44"). At least one author of the poster must participate in the Conference and must be present at the poster session.

PROCEEDINGS

Elsevier/North-Holland Publishing Company will publish the proceedings of the Vienna Conference on Instrumentation as a special (but consecutively numbered) issue of **Nuclear Instruments & Methods in Physics Research, Section A**.

The deadline for submission of the paper is the last day of the conference.

Papers for both contributed oral presentations and for posters may by no means consist of more than 4 printed pages in the format of the journal NIM A, figures included (10 pages for invited talks). We ask you to kindly adhere to this strict limit. The final selection of papers for publication in NIM A will be made by the International Advisory Committee based on the quality of the contribution. In addition, an extended selection of papers will be made available on line on the Conference web site. ***Please note that the manuscripts will not be accepted in case they have been published or are expected to be published elsewhere.***

The paper should be written in L^AT_EX (vers. 2 ϵ). For layout, figure captions and bibliography, please, follow carefully the **instructions** given on our web page <http://vci.oeaw.ac.at> (click Submissions – Paper). There you also find information for early submission before the conference. The L^AT_EX source files and any additional files (e.g. graphics) must also be delivered to the **“submission desk” on a CD-ROM, USB stick or diskette** formatted for Windows or MacOS. In addition, we need 2 printed copies.

TRAVEL AND ARRIVAL

CONFERENCE VENUE:

TECHNISCHE UNIVERSITÄT WIEN (University of Technology)
“Freihaus”, Wiedner Hauptstraße 8 - 10, A-1040 Vienna
Main Auditorium, 1st floor, “red wing”

Please, don't use this address for correspondence!

If you need a room for a small meeting, please request it in advance. Terminal access to the Internet (Telnet/SSH and web browser) and WLAN connections will be available.

ACCOMMODATION, TICKETS, SIGHTSEEING:

Deadline for hotel reservations: January 22, 2007.

Our housing and travel agent is

AUSTROPA INTERCONVENTION

attn. Katharina Steinbauer (Email: vci@interconvention.at)
Friedrichstrasse 7, A-1010 Vienna, Austria, Europe
Phone: +43 1 588 00 525 – Fax: +43 1 588 00 520

A number of rooms have been pre-booked at conference rates in selected hotels for participants of this Conference, which will be allocated without processing fee. The hotels are located within walking distance to the venue or can be easily reached by a short trip on public transport.

Austropa Interconvention would be pleased to provide you with any further information you may need for the booking of sightseeing tours, cultural or Viennese ball tickets etc.

Please, make your reservations via the Conference web page <http://vci.oeaw.ac.at/> (click Registration & Hotels). **The Organising Committee will not arrange any accommodation (except for “Academy Exchange” participants).**

Please, check passport and visa requirements in due time prior to your departure for Austria, which is a member state of the European Union and of the “Schengen treaty” (first-time visa applications from outside are subject to a few weeks of extra delay). If needed, you may ask Austropa Interconvention for an appropriate letter of invitation.

HOW TO REACH THE VENUE FROM RAILWAY STATIONS:

Westbahnhof (terminal railway station West):

Underground U3 to “Volkstheater”, from there U2 to “Karlsplatz”

Südbahnhof (terminal railway station South & East):

Tram (D) to “Oper”, or from “Südtirolerplatz” (at walking distance) U1 to “Karlsplatz”

Franz-Josefs-Bahnhof (terminal railway station North-West):

Tram (D) to “Oper”

Wien-Nord / Praterstern (railway station North):

Underground U1 to “Karlsplatz”

TRAVEL AND ARRIVAL (cont'd)

HOW TO REACH THE VENUE FROM THE AIRPORT:

Vienna International Airport (Wien-Schwechat):

The airport is situated approximately 20 km east of the centre of Vienna.

- “City Air Terminal (CAT) express train” to terminal station Wien-Mitte / Landstrasse, departure from the airport: every half hour (single ticket € **8.-**). Then take the underground U4 to “Karlsplatz” (Tram Ticket € 1,50).
- Taxi from the airport to the centre of Vienna (about € **35.-**).

The indicated fares are based on 2006 prices. For train/bus schedules and fares, please, consult the conference web page <http://vci.oeaw.ac.at>. There you can also find maps of the railway stations and their connection to the local public transport in Vienna.

PUBLIC TRANSPORT – basic information:

Vienna offers an efficient and modern system of public transport (called VOR), including underground (U), metropolitan train (S), trams and buses. There are also special night buses (N), which may be used with the standard tickets. The Conference venue is situated in the heart of historical Vienna and has easy access to the underground system (U1, U2, U4); almost all hotels are linked to the public transportation system. For details see the Conference web page <http://vci.oeaw.ac.at/>.

The **single ticket** can be used for any single trip in Vienna; you may change lines but without interruptions and without return; it costs € **1.50** when bought in advance (also sold as multi-ticket card of 4 or 8 stripes). Other tickets of interest:

- **8-day ticket:** 8 stripes, each valid for 1 person on 1 day (ending at 1:00 a.m.); days not necessarily consecutive, card may be shared; € **24.00**.
- **Vienna Shopping Card € 4.00 (valid Mo – Sa 8.00 – 20.00); 24 hour card: € 5.00.**
- **Weekly pass:** valid Mo 0:00 a.m. – Mo 9:00 a.m.; transferable; € **12.50**.
- The **Vienna Card** is valid for 72 hours; in addition you obtain reductions of 11 - 50 % at nearly all museums, Schönbrunn and Belvedere Castle, exhibitions, concerts, theatres and other events; it costs € **16.90**.

Tickets must be stamped at the “blue box” located inside the tram or bus; for underground and metropolitan train it is located at the barrier before accessing the platform. Multi-ticket stripes must be used bottom-up, **starting with stripe #1**. Fares indicated as of 2006. For information about where you can buy tickets in advance see section “additional remarks” below.

DURING THE CONFERENCE

PROGRAMME

The scientific programme starts on Monday, February 19, 2007 at 10:00 and ends on Saturday, February 24, in the afternoon. For details please consult our web page <http://vci.oeaw.ac.at/> (click Program).

SOCIAL EVENTS:

Monday after the talks (approximately 19:00 – 21:30) **Welcome Cocktail Party.**
Tuesday 19:30 **Soirée musicale**¹ in the Great Hall ("Festsaal") of the Austrian Academy of Sciences (with cocktail during the break); **bring your invitation!**
Day to be confirmed **Conference Dinner/Reception in the Vienna City Hall**¹, offered by the Lord Mayor of Vienna and the Organising Committee; **bring your invitation!**

Registered accompanying persons are kindly invited to contact the conference desk for their invitations to the social events.

CONFERENCE SECRETARIAT:

Phone during the conference: +43 1 58801 - 41926 (conf. desk), - 42385 (travel agency).
Please note that **no credit cards** will be accepted by the conference secretariat.

At the venue, the **conference secretariat** and "**submission desk**" will be open on

Sunday 16:00 – 20:00
Monday – Saturday 8:20 – end of the talks

A representative of our housing and travel agent AUSTROPA INTERCONVENTION will be present at the conference secretariat on

Sunday 16:00 – 20:00
Monday 8:20 – 14:00
Friday 8:20 – 14:00

¹ Legère but smart dress.

ADDITIONAL REMARKS

You can purchase **public transportation tickets** at most tobacconists ("Tabak-Trafik"), VOR ticket offices, ticket distributor machines at underground stations (the next one is at "Karlsplatz" near exit Wiedner Hauptstrasse / Resselpark) and in some hotels; single tickets only (priced € 2.–) on the tram (machine in the 1st coach) and on the bus (from the driver).

The "Tabak-Trafik" in the conference venue (separate entry from the street) has special opening hours (Mon – Fri 6:00 – 18:00; Sat 7:30 – 12:00).

The **closest station** to the Conference venue is "Karlsplatz/Oper" with underground lines U1, U2, U4, bus lines 4A, 59A, tram lines D, J, 1, 2, 62, 65 and WLB (local tram to Baden); outward bound stop of tram lines 62, 65 and WLB in front of the Conference venue.

MONEY CHANGE:

We recommend using a bank (small change offices usually charge higher fees). The closest bank is **Bank-Austria-Creditanstalt**, Wiedner Hauptstrasse 11, A-1040 Wien (across the street in front of the Conference venue). Opening hours are Mon – Fri 8:00 – 12:30 and 13:30 – 15:00 (on Thu until 17:00). On Saturday and Sunday money change offices are open at the airport, at the Südbahnhof and Westbahnhof railway stations, and in Kärntnerstrasse.

Cash distributor machines (ATMs) are located next to most banks (watch for a green-blue, very broad "B" sign), either directly in the street, or inside the lobby (accessible with your card). Cards generally accepted are Maestro, Euro/MasterCard, DinersClub and Visa.

COPY SHOP:

There is a copy shop on the ground floor of the Conference venue (opening hours Mon – Thu 8:00 – 18:00, Fri 8:00 – 16:00). Another copy shop with longer opening hours is across the street from the Conference venue.

SHOPPING:

Shops are generally open Mon – Fri 9:00 – 18:00 and Sat 9:00 – 13:00. Many larger shops and shopping centres are open until 19:00 (on Sat until 17:00). Shops remain closed on Sundays (with a few exceptions, notably at the airport and at big petrol stations).

LEISURE:

Some web addresses which may help you organising your private evenings can be obtained on our web page <http://vci.oeaw.ac.at> and on the official Vienna website <http://www.wien.info/> (click the language you prefer).

WEATHER:

The weather during this time of the year may be cold and/or wet. Be prepared!

INSURANCE, LIABILITY:

Austropa Interconvention and the organisers cannot be held responsible for any personal injury, loss, damage, accident to private property or additional expenses incurred as a result of delays or changes in air, rail, sea, road or other services, strikes, sickness, weather or any other cause. **All participants are encouraged to make their own arrangements for health and travel insurance.**