

Short course and workshop

“Vibrational Spectroscopy (Infrared Absorption and Raman): Applications in Geosciences”

Official short course of the mineralogical societies of Austria and Germany.
Vienna, Austria, March 5-9, 2007.

General information:

Venue: Institute of Mineralogy and Crystallography, University of Vienna, Althanstr. 14, A-1090 Vienna, Austria.

Check the host institute's www pages (<http://www.univie.ac.at/mineralogie/>) for a detailed description of the location.

Main organizer: Prof. Lutz Nasdala (lutz.nasdala@univie.ac.at)

Language: The entire course will be held in English.

Support of students: This short course is accepted by the German Mineralogical Society (DMG) and the Austrian Mineralogical Society (ÖMG) as “PhD Short Course”.

Participating students and PhD students who are DMG members will get a € 50.00 travel grant. This is also the case for students and PhD students who apply for DMG membership during the course. However, DMG members who live in Vienna are not entitled to receive the travel grant.

Participating students and PhD students who are ÖMG members or apply for ÖMG membership during the course, and who do not live in Vienna, will receive a grant of € 50.00 as a support to their travel expenses.

Costs and registration: Course fee € 120.00; reduced fee € 60.00 for students, PhD students, and young researchers (less than two years after completion of their PhD). The fee will cover course materials, refreshments, and the short course dinner. To register, please transfer the course fee as indicated below, and inform us about the transfer via e-mail for pre-registration of your attendance.

Participants from Austria: Transfer fee to the Österreichische Mineralogische Gesellschaft, account 7807220, P.S.K. (BLZ 60000), Verwendungszweck: “Doktorandenkurs” and your name.

Participants from another European Union member country: Transfer fee to the Austrian Mineralogical Society (make sure you use the EU standard transfer that is free of charge!), BIC: OPSKATWW, IBAN: AT316000000007807220, purpose: “PhD course” and your name.

Participants from other countries: Do NOT attempt to do any bank transfer (this is too expensive for us); please contact us instead to arrange payment details. The fee

may, for instance, be paid by credit card, or in cash when you are here. Note that this is NOT an option for participants from EU member countries (who must transfer the fee in advance).

Registration deadline: January 31, 2007. There is a limit of 40 participants, so early registration is suggested.

Travel: There are many options to get reasonably priced flight connections from most European airports to Vienna airport (Wien-Schwechat) or Bratislava. We suggest you make your reservations early. From both airports there are regular train (Schwechat, 30 minutes) and bus (Bratislava, 90 minutes) shuttle connections to the city centre of Vienna. Vienna can also be easily reached by train. The three main railway stations are well connected with the city centre (subway, bus, tram).

Accommodation: There are many hotels of all categories in Vienna, some of them are close to the location where the workshop is held. Organizers will assist participants to find suitable accommodation for their stay in Vienna.

Students may want to check the youth hostel, A-1070 Wien, Myrthengasse 7, Tel. +43-1-5236316-0, Fax +43-1-5235849, E-Mail oejhv-wien-jgh-neustiftg.@oejhvor.at, or the low-budget hotel ETAP St. Marx, A-1030 Wien, Franzosengraben 15, Tel. +43-1-7984555, for reasonably priced accommodation.

Brief description: This five-day short course will give an introduction to the two techniques of infrared absorption and Raman spectroscopy, which includes theoretical basics, practical training in the use of state-of-the-art spectrometers, data reduction, and interpretation of spectra. It is target towards diploma students and PhD students who are interested in applying vibrational spectroscopy; however, the participation of PostDocs and other colleagues is welcome as well. Organizers aim at putting participants in the position to use the two techniques in their own research.

In addition, an overview of modern applications in the Earth sciences will be given through a number of talks presented by invited experts in the field and (to a limited extent) also by course participants. One or two more oral presentations by participants might be planned (at present we have already three). In addition, participants are welcome to present own research results related to the application of vibrational spectroscopy on posters.

Participants will also be given the opportunity for limited hands-on analyses of own samples.