

First International Eclogite Conference : 1st-2nd September 1982, Clermont-Ferrand, France

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Mitteilungen

First International Eclogite Conference 1st-2nd September 1982, Clermont-Ferrand, France

Preface

A growing number of geologists of all disciplines are currently working upon eclogites or eclogite-facies rocks, thus testifying to the interest generated by these fascinating rocks. Accordingly it seems appropriate to bring together the different research teams and diverse schools of thought in order to disseminate new information and to discuss all aspects of what may be called «the eclogite question», since the origin of many eclogite types is at least questionable, if not highly controversial. The First International Eclogite Conference is thus being organised in 1982 in France, where the name «eclogite» was created.

The First International Eclogite Conference is being organised independently from, but in close association with the Third International Kimberlite Conference which will be held during the period 8th-11th September 1982. Excursions organised by both conferences will be run during the period 3rd-7th September, as well as other excursions before the 1st and after the 11th September. Earth Scientists interested in both eclogites and kimberlites may thus conveniently attend both conferences and one or more excursions.

Theme

The theme of the Eclogite Conference is very wide in that all kinds of eclogites and eclogite-facies rocks from garnet-ultrabasites to jadeite-metagranitoids are included, as well as high-temperature high-pressure plagioclase-free granulite-facies rocks and low-temperature high-pressure plagioclase-free blueschist-facies rocks. However, on this occasion, eclogite-facies nodules occurring within kimberlite, alkali basalt or other diatremes will be excluded, since this topic will be covered during a joint session with the Kimberlite Conference to be held amongst the sessions of the latter conference. The Eclogite Conference will thus concentrate upon eclogites, garnet-ultrabasites etc. . . now occurring in gneisses, schists or other crustal environments.

Contributions

Papers are invited on all aspects of eclogites as defined above, especially on the following subjects which may be arranged in separate but consecutive sessions:

- I - Field relations and petrography;
- II - Mineral and rock geochemistry;
- III - Crystal-chemistry and geothermobarometry;
- IV - Thermodynamics and experimental petrology;
- V - Isotopes and geochronology;
- VI - Fluid inclusions;
- VII - Geophysics and geotectonics.

Depending upon the nature and number of contributions offered, an alternative arrangement according to geographic locality or of structural type of eclogite may be employed. Selected oral contributions will last for 20–30 minutes; poster contributions will also be arranged.

<p><i>Dates</i></p> <p>1 October 1981 1 December 1981 1 February 1982</p> <p>15 March 1982 1 May 1982</p> <p>1 September 1982</p>	<p>Receipt of preliminary registration forms. Dispatch of the second (final) circular. Receipt of preliminary but complete abstracts. Receipt of definitive registration form with payment of the full registration fee at the normal rate. Notification of acceptance of abstracts. Receipt of up-dated final abstracts, otherwise the accepted preliminary abstracts will be printed. Receipt of late registration fees at a late-payment rate. Receipt of final manuscripts of the complete papers.</p>
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Publications

Abstracts of the contributions will be published before the conference. Complete papers will be published, subject to normal reviewing procedures, in a special volume of an international journal.

Languages

Only English or French will be accepted for the abstracts, oral contributions and complete papers. No restrictions will be imposed for poster contributions, but abstracts on the posters must be in English or French, preferably in both. In order to reduce expenses, no oral nor written translations will be provided.

Excursions

One pre- and one post-conference excursion will be organised, the latter conveniently allowing participation in both the Eclogite and Kimberlite Conferences.

MASSIF CENTRAL ECLOGITES: 31st August; guide: B. Lasnier.

The itinerary of this one-day field trip will include some localities exhibiting exciting new outcrops of primary corundum eclogites, HP-HT plagioclase-free granulites (pyrigarnites), included in LP-HT granulites with sapphirine and corundum amphibolites, etc. . .

WESTERN ALPS ECLOGITES: 3rd–7th September; guides: J.-R. Kienast

B. Lombardo

G. Gosso

The itinerary will include celebrated localities exhibiting the partial or complete transformation into eclogite-facies parageneses of oceanic crust in the Monte Viso and Zermatt Saas-Fee Zones (pillow lavas, dykes, Fe-Ti gabbros, cumulates), and of continental crust in the Sesia-Lanzo Zone (granites and aplites, acid and basic granulites and amphibolites, kinzigitic gneisses). The intriguing garnet-ultrabasite + eclogite mass of Alpe Arami will also be visited. Several of these localities display the metamorphic transitions in a spectacular manner and many are unique examples of their kind.

Registration

The registration fee will be kept low and will not exceed 200 FF. Registration will be obligatory for all participants in the conference or the conference excursions.

Accommodation

Reservations will be made by the conference secretariat for accommodation (bed and breakfast) either in 4-stars hotels (250–300 FF/night) or at Clermont University Residence (80–100 FF/night) as requested.

Important: – The second circular will be distributed only to those persons who have returned the preliminary registration form or who have otherwise requested the second circular.
– For persons attending both the Eclogite Conference and the Kimberlite Conference, it is essential to register separately for both.

Conference-Address:

D. C. SMITH, Professeur associé
Laboratoire de Minéralogie (tél.: Paris: 707-28-24 poste 26)
MUSÉUM NATIONAL D'HISTOIRE NATURELLE
61, RUE DE BUFFON
F-75005 PARIS, FRANCE

1982 Mac Short Course Granitic Pegmatites

Department of Earth Sciences, University of Manitoba, Winnipeg, Manitoba, Canada R3T 2N2

MAY 14–16, 1982

PRECEDES GAC/MAC JOINT MEETING

The course is specifically designed to cover all aspects of pegmatites and is oriented towards geologists from industry and academia who wish an up-to-date overview of the subject. Consequently, a wide variety of topics will be covered, including

- Anatomy and classification (P. Cerny)
- Silicate minerals (D. M. Burt, P. Cerny, F. C. Hawthorne, D. London, R. F. Martin)
- Oxide minerals (B. Chakoumakos, R. C. Ewing, E. E. Foord)
- Phosphate and borate minerals (P. B. Moore)
- Petrology and petrogenesis (D. M. Burt, P. Cerny, R. H. Jahns)
- Geochemistry (G. S. Clark, E. W. Heinrich, F. J. Longstaffe)
- Exploration (P. Cerny, E. W. Heinrich, D. L. Trueman)
- Ore Processing: Tanco mine (R. O. Burt)
 - Foot mine (I. A. Kunasz)
 - Greenbushes mine (M. I. Hatcher, B. Bolitho)

There will be 2 days of lectures and a one-day field trip to the Tanco mine and mill and the local geology.

An introductory party will be held the evening of May 13th. Participants will receive a set of lecture notes prepared by the lecturers presenting the course. The registration fee has not yet been fixed but will be in the neighbourhood of \$ 350 for professionals and \$ 200 for students, to include lecture notes, accommodation and field trip expenses.

Further information is available from:

Dr. P. Cerny / Dr. F. C. Hawthorne
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Winnipeg, Manitoba, Canada R3T 2N2