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Fifth International Eclogite Conference 1997 (FIEC)

**Centro Stefano Franscini at Monte Verità, Ascona
August 13 – September 6, 1997**

At the 1993 meeting in Fuscaldo, Italy, the International Eclogite Conference Coordination Committee (IECCC) decided to hold the 1997 conference in Switzerland, supplemented by excursions to eclogites and related rocks in the Adula-Cima Lunga nappe. These eclogites constitute a rare example of a complete prograde suite for which isograds have been mapped from mafic non-eclogitic rocks to kyanite-eclogites. In 1996, one of these occurrences of eclogitic rocks at Alpe Arami, Swiss Central Alps, received worldwide attention. The famous garnet peridotite from Alpe Arami was considered by Dobrzhinetskaya, Green and Wang (*Science* 279, 1996) to be the rock of deepest origin ever found on the earth's surface. Thus in 1996 the Task group on ultrahigh pressure of the International Lithosphere Program (JLP III, 6) decided to join FIEC 1997 and to participate in the excursions to the Adula and Cima Lunga high-pressure rocks.

The Swiss Mineralogical and Petrographical Society agreed to publish manuscripts of FIEC 1997 with normal reviewing procedures. Nine of these manuscripts are presented in this issue of *Swiss Bulletin of Mineralogy and Petrology*. These papers comprise topics of general interest to eclogite research of theoretical and experimental

background (C.E. MANNING; G.M. YAXLEY and D.H. GREEN) as well as field studies from the paleo-Proterozoic Ubende Belt, Tanzania (E.V. SKLYAROV et al.), from the Caledonides (J.A. GILOTTI and S. ELVEVOLD; H. BRUECKNER and L.G. MEDARIS), from the Variscides (H. BRUECKNER and L.G. MEDARIS), and from the Alpine orogen (R. OBERHÄNSLI et al., J.G. LIU et al.). Contributions on Adula eclogites (C. MEYRE and M. FREY) and on eclogite facies rocks of the Cima Lunga unit (M. PFIFFNER and V. TROMMSDORFF) illuminate the progress of research on high pressure metamorphism in the Central Alps and set pressure limits on the Alpe Arami occurrence. The last two contributions are complemented by excursion guides for the localities visited during the FIEC 1997. Further contributions to the FIEC 1997 are presented in 119 abstracts published in the Abstract supplement no. 1 to *Terra Nova*, vol. 9, 1997, ISSN 0954 4887.

The organizers of the Conference wish to thank all contributors for their efforts and the Swiss Society for Mineralogy and Petrology for their help in publishing the conference papers.

Zurich, May 1998

V. Trommsdorff
President of IECCC

Acknowledgements

FIEC 1997 was held in the interdepartmental seminar center of ETHZ, the Centro Stefano Franscini at Monte Verità near Ascona, Switzerland. This site is well known for a great number of thinkers, writers, artists, reformers, anarchists who were resident there and at nearby Ascona, since the seventies of the last century. Today Monte Verità is owned by a foundation with the Canton of Ticino, the Community of Ascona and both branches of ETH (Zürich and Lausanne) as members. It is a scientific and cultural center for seminars, workshops, summer courses and other activities on an international level. FIEC 1997 certainly benefitted from the stimulating atmosphere of Monte Verità, but also from the efforts of the organizers, in particular the convenors Volkmar

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Garnet lherzolite from Alpe Arami. Garnet (red) surrounded by crystals of apple green chromian diopside. Matrix is olivine plus minor clinopyroxene. Size of picture 3.5 × 5 cm. (Photograph by Institut für Mineralogie und Petrographie, ETHZ.)