



## INTERNATIONAL NEWSLETTER 8: JULY 1994

The purpose of the *International Newsletter* is to communicate news about activities in structural geology and tectonics from all over the world, and to provide a mouthpiece for the *International Association of Structural/Tectonic Geologists (IASTG)*, as reported below. Readers of the *Journal of Structural Geology* are encouraged to copy this newsletter to interested colleagues, so that we can achieve a good world-wide circulation of news about the IASTG, and about international activities in structural geology and tectonics.

The *International Newsletter* is open to everyone. It provides conference organizers with a world-wide means of communicating their 'first circulars', provides regular 'slots' for national groups to report their activities (past and future), and can give reports or short notices of various kinds. However, direct advertising of services or items for sale, giving prices, etc., is not accepted.

Information, articles and suggestions can be submitted at any time, and secretaries of national structural/tectonic groups are urged to send information on a regular basis. Conference organizers should send their notices as early as possible, and include the abstract deadline date, to be of most use around the world. At present, the *International Newsletter* is approximately twice-yearly.

*Newsletter 8* contains some reorganization of contents, compared to previous newsletters. A new end section gives brief information and contact addresses for the many and various regional structural and tectonic groups, in alphabetical order of country. Readers and IASTG members are invited to send information on any relevant group which is not listed, and might be of interest to the membership. The earlier sections of the *Newsletter* now concentrate on meetings, rather than general information. As before, the *Newsletter* begins with a progress report on the IASTG.

### INTERNATIONAL ASSOCIATION OF STRUCTURAL/TECTONIC GEOLOGISTS (IASTG)

The previous *Newsletter 7* (*J. Struct. Geol.*, Vol. 16, No. 2, 1994) gave a brief resumé of the IASTG in the three years since its inception, and a progress report. The only major addition to that report, apart from the steady trickle of new members, is the 1994 membership recall, reported below. However, at the risk of a negative tone, it is appropriate to report a few things that the IASTG *cannot* do.

First, there have been several requests for the membership address list on disk, by conference organizers and people wishing to advertise products. These have been refused, consistently, as the initial proposals for the IASTG only specified making a *printed* directory available. The release of membership information on computer disk is considered as possibly contravening data protection laws. Furthermore, it does not seem reasonable that potential advertisers should benefit from the work of creating the IASTG membership directory. So if members have received information or advertising which they recognise to originate from the

IASTG Directory, this will have come from members or their companies making their own mailing lists from the IASTG Directory listing.

Secondly, some members have approached the IASTG with enquiries about research funding and opportunities. In an ideal world, it would be nice to be able to answer all requests, and offer appropriate help and advice. Regrettably this is not possible, as the voluntary workload of coordinating the IASTG allows no extra time (and brings no special expertise) to operate such a helpline. The IASTG Fund has no remit to provide funding for individuals or for conferences.

What the IASTG *can* provide, through its Membership Directory and the twice-yearly newsletters published in this *Journal*, is information which helps members to communicate and collaborate among themselves. Rather than a group with a manager, and office where things are done, the IASTG should be seen as a self-help association of members with the potential to work together.

### 1994 membership recall

A membership recall was sent out in March 1994, to the 912 members whose details appeared in IASTG Directory Edition 1 (February 1992) and the IASTG Supplement (August 1993). All members who wish to remain in the IASTG and have their details printed in the next IASTG Directory were asked to confirm their membership details, or modify them as necessary. The letter also contained requests for voluntary personal subscriptions to the IASTG. Members were reminded that the IASTG has managed to operate, so far, without imposing membership charges. The initial donations from companies, the establishment of annual contributions from a number of geological groups, and voluntary donations from many members, proved sufficient to allow all members to receive Directory 1, and the later Supplement, without charge. However, further donations are needed to enable the IASTG to continue in the same way. It has proved time consuming and only occasionally successful, to seek funding from companies. So individual members who are in a position to make a financial contribution have therefore been requested to include this with their membership renewal.

At the time of writing, I am in the midst of a flood of membership renewal forms, and have received a promising number of voluntary subscriptions. As was explained in the membership renewal letter, I cannot thank everyone individually, so would like to take this opportunity to express my appreciation for the donations and friendly messages.

*IASTG Coordinator* Susan H. Treagus, Department of Geology, Manchester University, Manchester M13 9PL, U.K.

*IASTG Committee:* P. Bankwitz (Germany), K. Birkenmajer (Poland), J.-P. Burg (Switzerland), R. Butler (U.K.), S. Cloetingh (The Netherlands), S. F. Cox (Australia), G. A. Davis (U.S.A.), S. K. Ghosh (India), P. L. Hancock (U.K.), V. Kale (India), A. K. Khudoley (Russia), X. Ma (China), S. McCourt (South Africa), W. D. Means

(U.S.A.), M. O. Nwadibia (Nigeria), D. Plasienska (Slovakia), R. A. Price (Canada), J. Selles-Martinez (Argentina), T. Shimamoto (Japan), J. Tullis (U.S.A.), T. Uemura (Japan), E. Wallbrecher (Austria), K. Weber (Germany), P. F. Williams (Canada).

*Honorary Treasurer* E. H. Rutter (Manchester)

## INTERNATIONAL MEETINGS

### Eleventh International Conference on Basement Tectonics

25–29 July 1994; Potsdam, Germany

This conference sponsored by GeoForschungsZentrum Potsdam and the International Basement Tectonics Association Inc., Salt Lake City, is concerned with all aspects of the tectonics of the continental crust acting as a craton, with special emphasis on Europe. Several field trips are planned.

*Contact:* O. Oncken, GeoForschungsZentrum, Telegrafenberg, D-O-1561 Potsdam, Germany. Fax: 049 331 310601.

### CMMI XV Congress, South Africa

4–8 September 1994; Sun City, South Africa

The 15th Congress of the Council of Mining and Metallurgical Institutions is organized by the South African Institute of Mining and Metallurgy and the Geological Society of South Africa. It will begin in the Super Bowl at Sun City, and will then divide into parallel sessions of four technical programmes: mining, extractive metallurgy, metals technology and geology. A full programme of excursions is planned.

*Contact:* P.O. Box 809, Johannesburg 2000, South Africa. Fax: 27 11 838 4255.

### European Union of Geosciences

9–13 April 1995; Strasbourg, France

This 8th biennial EUG meeting will be characterized by inter-disciplinary symposia, and three specialized symposia in the following fields: Section A, Deep interior of the Earth; Section B, Lithospheric structure and processes; Section C, Surface processes.

*Abstracts and registration deadline:* 30 November 1994.

*Information and Circular:* EUG VIII, E.O.P.G., 5 Rue Rene Descartes, Strasbourg Cedex 67084, France

### Second International Conference: Mechanics of Jointed and Faulted Rock (MJFR-2)

10–14 April 1995; Vienna, Austria

This Second International Conference on Mechanics of Jointed and Faulted Rock, MJFR-2, following the successful MJFR-1 (Vienna, 1990), will be hosted by the Institute of Mechanics at the Technical University at Vienna. It will bring together experts from geomechanics, rock mechanics, mining engineering, structural geology, tectonics, and related disciplines.

The main focus of the conference will be the interfaces between theoretical concepts, modelling, and practical applications. 'Putting Theory to Work' is the theme, to provide a common forum for presentation of new research results, to promote interaction and discussion, to search for a common language for testing and standardization, and to promote feedback from analyses of engineering structures to prevention at the design

stage. A large number of topics will be covered, ranging from structural geology and applied fracture mechanics, to testing, mining, tunnelling and environmental problems. A special 1-day workshop on 'Dynamics of Fractured Rock' will precede the conference.

English will be the official language of the conference and workshop. A publication is planned, to follow the conference.

*Abstract deadline:* 30 June 1994

*Manuscript deadline:* 30 November 1994

*Further information:* H. P. Rossanith, Institute of Mechanics, Technical University Vienna, Wieder Hauptstrasse 8-10/325, A-1040 Vienna, Austria. Fax: 43 1 587 5863. E-mail: rossmanith @ emch80.una.ac.at.

### Curved Orogenic Belts: COB'95

November 1995; Buenos Aires, Argentina

This international symposium on Curved Orogenic Belts is planned to take place at Buenos Aires, and will be sponsored by the Association Geologica Argentina and the Instituto Antartico Argentino. Keynote and volunteered contributions on the following topics are invited: curved belts through time and space; geometry and kinematics; mechanics of bending; the paleomagnetic tool; modelling of curved belts. Round tables and workshops will be incorporated into the symposium, and a two or three day field trip in the Sierras Australes of Buenos Aires is planned.

*Contact:* J. Selles Martinez, Dpto de Geologia, Universidad de Buenos Aires, 1428 Buenos Aires, Argentina. Fax: 54 1 781 1253.

## SG&T DIVISION, GEOLOGICAL SOCIETY OF AMERICA

### GSA Annual Meeting, 1994

24–27 October 1994; Seattle, Washington, U.S.A.

Geology 'At the Leading Edge' will be the scientific theme of the 1994 meeting at Seattle, with emphasis on aspects of Pacific rim and convergent margin geology. The GSA-sponsored symposium 'The Birth and Death of a Plate' will include invited talks on volcanism, kinematics of plate motion, accretionary wedges and evolution of ocean-ridge spreading centres.

The SG&T Division, together with the Geophysics Division, will sponsor a symposium 'New Frontiers in Active Tectonics', convened by G. Davis and B. Minster. Four themes will be explored: tectonically active regions as laboratories for natural deformation; new and emerging technologies for measuring the rates and kinematics of deformation fields; integrating geology and geophysics to understand tectonic processes; transferring scientific understanding into mitigating natural hazards.

Proposed theme sessions are on the Cascadia subduction zone, relationships between diagenesis and metamorphism, tectonics around the Pacific Rim, active collision in Taiwan, the geological development of Japan, rheological and structural evolution of contractional orogenic belts, the Baja B.C. controversy, and teaching structural geology.

The SG&T Division's Short Course will be 'GPS Geodesy and Active Tectonics', taught by M. Bevis and C. Meertens. For detailed information on the Seattle GSA meeting, consult the April 1994 issue of *GSA Today*.

*Information:* The Meetings Department, GSA, PO Box 9140, Boulder, CO 80301, U.S.A.

**TSG MEETINGS, BRITAIN****Salt Tectonics**

14–15 September 1994; London

This joint meeting of the Petroleum Group and Tectonic Studies Group of the Geological Society of London is convened by I. Alsop, D. Blundell and I. Davison, Royal Holloway, University of London. It will be held at the Geological Society, Burlington House, London, and will bring together academic and industry geoscientists from many countries, including keynote speakers.

Contact: I. Alsop, Department of Geology, Royal Holloway, University of London, Egham, Surrey, U.K. Fax: 0784 471780.

**Fault Populations**

19–20 October 1994; Edinburgh

This 2-day meeting is prompted by interest in fault populations, and questions such as the relationship of populations of faults at different scales. It will be held at Edinburgh University, co-convened by P. Cowie, I. Main and R. Knipe. Contributions are invited which respond to four session themes: what are the best methods for collecting and comparing fault sets at different scales; can we predict populations outside the range of available observations; what are fault relationships telling us about the underlying physical processes; how do fault arrays evolve in space and time? There will be invited speakers on all these topics.

Contact: P. Cowie, Department of Geology and Geophysics, Edinburgh University, Edinburgh EH9 3JZ. Fax: 031 668 3184. E-mail: cowie @ ed.ac.uk.

**Tectonic Evolution of SE Asia**

7–8 December 1994; London

The meeting is co-sponsored by the University of London SE Asia Research Group, the Marine Studies Group and the Tectonic Studies Group, convened by D. Blundell and R. Hall of the University of London, and will be held at the Geological Society, Burlington House, London. It will review the present and past tectonics of SE Asia, and will provide an opportunity to consider how recent data collected in the region test tectonic models. The meeting will form a U.K. contribution to IGCP Projects 321 on *Gondwana Dispersion*, and 306 on *Stratigraphic Correlation in SE Asia*.

Contact: D. Cameron, Department of Geology, RH&BNC, Egham, Surrey TW20 0EX, U.K. Fax: 0784 471780.

**TSG Annual Meeting 1994**

19–21 December 1994; Leeds

This year's annual meeting at the University of Leeds will be convened by R. Butler and G. Lloyd. Abstract deadline in late October 1994.

Further details: R. Butler, Department of Earth Sciences, Leeds University, Leeds LS2 9JT, U.K. Fax: 0532 335259.

**Tectonics of the British Isles: Onshore and Offshore Geology**

4 March 1995; Durham

This 'research in progress' meeting, following on from a 1990 meeting, will be held at the University of Durham, and convened by R. Holdsworth and M. McErlean. It will provide a forum for discussion of all aspects of structural

geology and tectonics applied to problems in the British Isles and surrounding regions. Contributions on topics ranging from basin studies to deformation in metamorphic basement rocks will be welcome.

Contact: R. Holdsworth, Department of Geological Sciences, University of Durham, Durham DH1 3LE, U.K. Fax: 091 374 2510.

**GERMANY****Basin Formation and Inversion in Europe**

3–6 October 1994; Heidelberg

This meeting, the 146th of the German Geological Society (DGG) is organized by the Geologisches-Palaontologisches Institut of Ruprecht-Karls-University of Heidelberg. Basin formation and inversion is of interest to a wide number of geoscientists, and stimulates interdisciplinary studies. The main topics of the meeting are: reviews and examples of basins in relation to tectonics and palaeogeography; processes of basin formation and inversion; methods of studying basins. The meeting will be complemented by excursions, short courses and workshops. The meeting languages are English and German.

Contact: DGG '94, Geologisches-Palaontologisches Institut, Universität Heidelberg, Im Neuenheimer Feld 234, 69120 Heidelberg, Germany. Fax: 49(0)6221 565503.

**ITALY****Italian Geological Society**

23 September–1 October 1994; Bari

The central theme of this meeting is Geology of Foreland Areas. Other themes include geology and tectonics of sedimentary and carbonate platforms, crustal processes and palaeogeography during orogenesis, and geodynamics.

Information: U. Fracassi, via Sasso 36, I-61029 Urbino (PS), Italy.

**INDIA****Seismotectonics and Geodynamics of the Himalaya**

3–10 October 1994; Roorkee, India

A two-day discussion meeting is planned, hosted by the Department of Earth Sciences at the University of Roorkee, on the following themes: seismotectonic status of major intracrustal zones/lineaments and implications for earthquake prediction; Holocene—Recent stress fields and neotectonics; modelling of compressional and extensional tectonics; MCT and Himalayan metamorphism and magmatism; tectonics of foreland basins. A 4-day excursion in the Higher Himalayan metamorphic belt, along the Bhagirathi valley in the Garhwal Himalaya, will follow the meeting. These will be followed by the Annual Meeting of the Geological Society of India, Bangalore.

The Geological Society of India will publish the proceedings of this meeting as a special memoir, and an excursion guide book.

Abstract and manuscript deadline: 30 June 1994

Contact: A. K. Jain, Department of Earth Sciences, University of Roorkee, Roorkee 247667, India. Fax: 91 1332 73560. E-mail: earth%rurkeu@sirneted.ernet.in.

## SGTSG, AUSTRALIA

### Field Conference

25–29 September 1995; Clare Valley, South Australia

This next meeting of the Specialist Group in Tectonics and Structural Geology of the Geological Society of Australia will be a field conference in the picturesque Clare Valley, less than 2 hours drive from Adelaide. Clare Valley is famous for its numerous vineyards and heritage sites, providing an ideal setting for discussion of papers and posters over 4 days, and various field excursions.

*Information:* N. Cook, School of Earth Sciences, Macquarie University, Sydney NSW 2109, Australia. Fax: 02 805 8428. E-mail: ncook@laurel.ocs.mq.edu.au.

## SHORT NOTICES

### Computer Bulletin Board—Software in Geology

'Gopher' is a new service within the international computer net which allows users to acquire all sorts of information quickly and easily. Information can also be placed into the Gopher Internet System very easily, to be read on computer bulletin boards. The idea of establishing a computer bulletin board for 'Software in Geology' originated at the TSK Conference in Goettingen, Germany (April 1994). Although the TSK is a study group for tectonics, structural and crystalline geology in the German-speaking countries of Europe (see below), the software presented on computer bulletin boards need not just be restricted to these topics.

Within the Gopher System, the bulletin board will be found under the following heading: ../GWDG Goettingen - Gopher/Universitaet Goettingen/Institut fuer Geologie und Dynamik der Lithosphaere (IGDL)/Geo-Software.... The basis for the software is a questionnaire, which can be directly saved from the Gopher, filled in, and sent back to the e-mail address below. Programs and source codes are also welcome. The intention of the computer bulletin board is not just to present fully operating programs, but also to present ideas, working groups, very special programs, etc.

*Contact:* B. Leiss, Institut fuer Geologie und Dynamik der Lithosphaere, Universitaet Goettingen, Goldschmidstr. 3, D-37077 Goettingen, Germany. Fax: 49 551 39 9700. E-mail: bleiss1@gwdg.de.

## CONTACT ADDRESSES FOR NATIONAL AND REGIONAL STUDY GROUPS

### Argentina

A Grupo Estructuralista Argentino (GEO) was recently initiated, and reported in Newsletter 7 (*J. Struct. Geol.*, Vol. 16, No. 2, 1994). For further information, contact J. Selles Martinez, Dpto de Geologia, Universidad de Buenos Aires, 1428 Buenos Aires, Argentina. Fax: 54 1 781 1253.

### Australia

This Specialist Group in Tectonics and Structural Geology (SGTSG) of the Geological Society of Australia holds meetings approximately every other year, at a different venue in Australia. The SGTSG sets up a committee to serve as the organizing committee for the

next conference. The Canberra-based committee, which organized the February 1994 Jindabyne Conference, has recently handed over to a committee chaired by R. Vernon at Macquarie University, Sydney, in preparation for the next (1995) conference. (See earlier section.) Contact N. Cook, SGTSG Secretary, School of Earth Sciences, Macquarie University, Sydney, NSW 2109. Fax: 02 805 8428.

### Britain (U.K.)

The Tectonic Studies Group of Britain is an informal study group affiliated to the Geological Society of London. Its Annual General Meeting, held in December, is open to all interested participants, and particularly encourages contributions from research students. The AGM is at a different university location each year, and TSG also sponsors thematic meetings at other times, and combined meetings with other specialist groups. For general information on TSG, consult *Geoscientist* (Geol. Soc. London Newsletter), or contact R. Holdsworth, TSG Secretary, Department of Geological Sciences, University of Durham, Durham DH1 3LE, U.K. Fax: 091 374 2510.

### Canada

The Structural Geology and Tectonics Division of the Geological Association of Canada publishes its news in a newsletter called *The Main Thrust*. The Canadian Tectonics Group (CTG) is an informal group, allied to the GAC SG&T Division, and meets annually. For further information, contact K. Benn, Division Secretary, Department of Geology, University of Ottawa, 161 Louis Pasteur, Ottawa, Ontario K1N 6N5, Canada. Fax: 613 564 9916. E-mail: kbenn@acadvm.1.uottawa.ca.

### Germany and German-speaking countries

The TSK is a study group for tectonics, structural and crystalline geology, in the German-speaking countries of Europe. It meets every two years, to provide opportunities for structural geologists to present and discuss their research. Information from K. Weber, Institut fuer Geologie und Dynamik der Lithosphaere, Universitaet Goettingen, Goldschmidstr. 3, D-37077 Goettingen, Germany. Fax: 49 551 39 9700.

### India

An Indian Tectonic Studies Group (ITSG) was initiated in October 1993, and reported in Newsletter 7 (*J. Struct. Geol.*, Vol. 16, No. 2, 1994). For the time being, the group will be informal, with no subscription and financial commitments. The Chairman is S.K. Ghosh (Jadavpur), and Secretaries are K. Naha (Kharagpur) and D. Mukhopadhyay (Calcutta). Contact K. Naha, Department of Geology and Geophysics, Indian Institute of Technology, Kharagpur 721302, West Bengal, India.

### New Zealand

The Tectonic Studies Group (TSG) of the Geological Society of New Zealand promotes communication between structural and tectonic geologists who are conducting research in New Zealand. Information is exchanged in a biannual newsletter, and meetings are yearly at conferences of the Geological Society of New Zealand. TSG NZ periodically sponsors workshops on special topics. Contact T. Little (newsletter editor), Geology Department, Victoria University of Wellington, P.O. Box 600, New Zealand. Fax: 64 4 495 5186.

**Norway**

The Tectonics and Structural Geology Studies Group of the Norwegian Geological Society (TSGS) arranges annual meetings, focusing on topics of interest to both university and industry geologists, with onshore as well as offshore applications. For information on TSGS activities, contact A. G. Koestler (Chairman), Geo-Recon A.S., Bernhard Herresvei 3, N-0376, Oslo, Norway. Fax: 22 83 85 29.

**Russia**

The annual meeting of the Tectonic Committee and Experimental Tectonics and Structural Group of Russia held a recent meeting (1–5 February 1994) on Tectonics and Metamorphism. Stress states, deformation mechanisms, horizontal movements in the Alpine–Himalayan belt of Asia, and computer modelling were discussed. For further information on activities in Russia, contact A. K. Khudoley, All-Russian Geological Research Institute (VSEGEI), 199026, St Petersburg, Sredny Pr. 74, Russia. E-mail: vsg@sovam.com.

**Slovakia**

The Structural Geology Group of the Slovak Geological Society organizes annual meetings and excursions, and

aims to coordinate structural and tectonic research in the Western Carpathians and in Slovakia. International communication and cooperation are welcomed. Contact O. Samuel or D. Plasienska, 817 04 Bratislava, Mlynska Dolina 1, Czechoslovakia.

**South Africa**

For information on activities of the Tectonic Division of Geological Society of South Africa (T'DOGS), contact S. McCourt, Chairman T'DOGS, Department of Geology, University of Pretoria, 0083 Hillcrest, Pretoria, South Africa. Fax: 12 433430.

**U.S.A.**

The Structural Geology and Tectonics Division of the Geological Society of America elects a Chairman on an annual basis, and holds its annual business meeting at the GSA Annual Meeting in October. This year's Chairman is R. H. Groshong (Tuscaloosa). The current Secretary/Treasurer is A. Goldstein, Department of Geology, Colgate University, Hamilton, NY 13346, U.S.A. Fax: 315 824 7187. E-mail: agoldstein@center.colgate.edu.

For general news on the SG&T Division, consult the *Structural Geology and Tectonics Division Newsletter*, edited by G. A. Davis & S. Paterson, Department of Geological Sciences, University of Southern California, Los Angeles, CA 90989-0740, U.S.A. Fax: 213 740 8801.

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Thanks to all who have contributed information to this Newsletter.

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