

MAR - 5 1986 REF.

# *International Society for the Study of Time*

## *Aperiodic Newsletter*

March 1986

No. 13

### FROM THE EDITOR

Our twentieth anniversary conference is almost upon us with its topic Mind and Time. Mention of the topic recalls hours spent worrying about the status of temporal becoming and time's arrow. Is one or the other or both of them simply mind-dependent? Not a characteristic of the empirical world? It also occasions excitement from the anticipation of wondering again and anew about these issues. For other members of ISST the topic brings to mind other issues, other problems, other questions. As I read the program for the conference which appears in this newsletter I am struck by the wide variety of issues we as a group have been working on and I look forward to learning from each of you.

Sharon Schwarze

### A MESSAGE FROM THE PRESIDENT

Not quite four months separate us from our Sixth Conference. Preparation is well under way and is becoming noticeable to even the most withdrawn of our members. Our local conference secretary, Dr. Gordon Bevans, appears to be well in control, and the program is - Deo Volente - as good as final. Given the initial response I expect the 'Dartington conference' to be a remarkable one.

One reason why it will be remarkable is that the Society is rapidly approaching adulthood. This sixth conference will mark its 20th anniversary. It is difficult considering birthdays without considering presents at the same time; and indeed, ISST's anniversary invites thoughts about ISST's present. The best way of doing that, in my view, is to consider its future. And that requires, of course, consideration of the past twenty years.

With five conferences behind us - all of them quite successful - and with (almost) five interesting volumes of *The Study of Time* on our bookshelves, it is evident that ISST has served its purpose of establishing a focal concern among a good number of people who happen to have a deeply ingrained interest in time as an object of scientific, humanistic and, to a somewhat lesser extent, artistic concern.

Apart from these meetings and the books there is also the Newsletter which, aperiodically, keeps the members informed about matters relevant to the Society.

But, that is about it, and when someone would ask if I find that enough, my answer would be that I don't. The study of time is rapidly becoming a very popular subject, novel perspectives being introduced in philosophy, psychology, linguistics and logic, artificial intelligence, theoretical physics, and other fields as well. I am aware of conferences and workshops; I see that books and papers about quite a number of

aspects of time are being produced at a fairly high rate, a rate that is even increasing. This observation is not simply a matter of having become more involved with those who actively study time within and without ISST. I admit that I have received slightly more letters, leaflets, invitations to conferences, and books than I did before I took on my present elevated office in ISST. But only slightly, not enough to explain my observations! I think that time is indeed receiving more attention now than it did twenty years ago and the question is, of course, what role has ISST played in this thematic unfolding? I think that our role has been modest, and perhaps too modest. Too many things happen without ISST being properly informed. Too many prominent activists in the field do not (yet) belong to the Society; they may not even be aware of its existence!

There is no doubt that ISST has helped to focus and preserve time in the interest and the career of some of us. If we had not been backed up by ISST, the commitment to the study of time might have remained or become more marginal over the years. Time is easily made subordinate to other, simpler and more tangible topics. ISST has certainly helped me to remain focused on temporal matters in my studies in psychophysics, mental representations, traffic safety, mobility and communication. Furthermore, there is no doubt that ISST has triggered sparks between extremely disparate disciplines. This has perhaps been its major achievement; having profited from such remote interactions, it essentially is what has made ISST my favorite learned society!

Yet, in my view, advancing such private profit is too narrow an aim for a society like ISST. Being involved in several other (international) societies, I know that the more successful ones succeed in stimulating their members to cooperate on a more substantial basis, for instance in cross-cultural studies, small workshops, exchange visits, or summer schools. To the extent that a society is able to support such activities it will also be capable of attracting and binding all or most of the eminent scholars in its domain. Support for an activity does not necessarily imply paying or raising funds for it. If a society is 'heavy' enough, its commitment to a plan or a proposal just by endorsing it, is about the best quality warrant that a subsidizing agency might require. In that way a dynamic society can make things happen by just being.

ISST is presently not heavy enough for this catalytic role. When looking towards our future as a society, one consideration must therefore be whether to continue at our present scale or strive for greater involvement (both of the Council and the members). Personally I think our present basis is too narrow. It is also - I have emphasized this before - too dependent on the availability and health of a single person. But, whatever our future course will be, we shall have to determine it at our 1986 conference.

Whatever our future course will be, I strongly advise to choose one that implies some form of legal incorporation. The society has reached adulthood without legal status. In my career, I have been fairly successful raising fairly considerable sums of money for scientific societies and research activities, but never ever I succeeded in doing this for a legally non-existent society. (And occasionally being in charge of funds to be spent for such purposes, I would never ever consider granting it to such a legal non-entity). In sum: not being incorporated, the present status of ISST is working against us, not only when it would come to the grandiose future I outlined in the previous paragraph, but even when it comes to simply getting ISST supported at its present level of activity by national or international agencies.

I hope that a decision to legally incorporate will be one of the decisions reached in Dartington. It would help me terminate my presidency the way I envisioned three years ago. ISST deserves such a decision.

John A. Michon

## THE FOUNDER'S COLUMN

A recent New York Times report reflected on the troubling decline of large, prestigious scientific forums. The 1985 meeting of the American Association for the Advancement of Science was attended by 2300 people, down from a 1969 figure of 8000. The January, 1985 meeting of the American Physical Society was attended by 800 people, compared with 7000 in 1967.

"Young scientists," the report continued, "reflecting broader trends in society, are becoming more career-oriented than ever and thus putting prime attention on their specialties, while ignoring broader scientific and social issues." The many topical conferences that large, established institutions sponsor are thriving, are well attended and keep up with the times.

We are witnessing an example of the well-known, ever more refined division of labor. Even interdisciplinary meetings have come to mean hardly more than someone in a small room talking to his or her neighbor in the adjacent small room; they seldom go to a different floor and hardly ever into a different building. This process of fragmentation seems to discourage multidisciplinary efforts.

Discourages it if it is done superficially, encourages it if it is done seriously. Precisely because of the necessary division of labor, an increasingly keen concern is manifest among scholars and scientists for communicating across the established departmental boundaries. A sense of methodological isolation, fear of myopic vision, and the needs of public policy all demand it. But for such purposes the large forums have become unwieldy, intellectually unattractive and for practical purposes, unprofitable.

ISST's membership is not in the thousands and it is a mere twenty years that we will be celebrating this year. But our carefully groomed growth is witness to a desire for interdisciplinary dialogues among the intellectual trades and for a cross-fertilization of ideas.

The experience and idea of time are non-trivial subjects, well suited to serve as vehicles for debates that can benefit all those involved. Addressing issues in the study of time demands that a person pay attention to his or her specialty, always under peer criticism, but without ignoring broader, relevant scientific and social issues.

Our healthily growing membership suggests the validity of these thoughts. Our members surely did not join for a fancy magazine or extra frills but for the serious challenge of our pioneering efforts. The study of time offers a framework for carefully sketched multidisciplinary vistas of the world and man, while it allows for the plurality of ways whereby knowledge may be gained and legitimized in terms of intellectual, moral and aesthetic judgments.

### REPORT FROM THE SECRETARY

#### "TIME AND MIND" - THE SIXTH CONFERENCE OF ISST

The sixth conference of ISST will be held July 4-11, 1986. This part of the report deals with its location, overall schedule, list of speakers and subjects, the book exhibit, and representation by specialized time study groups.

#### Place, Arrival, Overall Schedule and Departure

The place of the meeting is Dartington Hall College near Totnes, Devon, England.

Mailing address: c/o ISST Conference, Dartington Hall College of Arts, Totnes, Devon TQ9 6EJ, England. Telephone (0803) 86-22-24, a switchboard. Leave message.

The ISST Conference Office will open at the Devon Centre on Thursday, July 3rd. Until then, the Local Conference Secretary, Dr. H. G. Bevans may be reached by mail at his home address, 27 Gledhow Wood Grove, Roundhay, Leeds LS8 1NZ, Yorks, England or by telephone, Leeds (0532) 66-62-67.

Detailed program will await all registered participants, together with the summaries of the papers and other material. What follows is only the framework of the meeting.

Arrival on **Friday, July 4th**. (For transportation details, see below, under "Transportation".

4-4:30 P.M. Tea and biscuits.

6:30-7:15 P.M. Sherry reception in the Great Hall. The conference will be officially welcomed by Lord Young of Dartington, on behalf of the Trustees of the Dartington Estate. Lord Young is a member of ISST and Chairman of the Association for Social Studies of Time.

7:15 P.M. Dinner.

8:30 P.M. Presidential opening address by Professor John A. Michon: "Timing your Mind and Minding your Time."

Meeting and meal times for the week of **Saturday, July 5th - Friday, July 11th**.

8:30 A.M. Breakfast.

9:30 A.M.- 12:45 P.M. Morning session with coffee/tea break.

1:00 P.M. Lunch.

3:00 P.M.- 6:15 P.M. Afternoon session with coffee/tea break.

7:00 P.M. Dinner.

8:30 P.M. One evening session may be necessary.

**Tuesday, July 8th**, free day. A number of sightseeing options will be available: a market day in Totnes, with marketstall holders in Elizabethan costumes; coach trip to Cotehele in Cornwall, a medieval manor; a visit to Buckingfastleigh Abbey and Farm\* or just a fine secondhand bookshop in Ashburton. Some members might wish to sail from Totnes down the River Dart to Dartmouth and visit the quay where the Pilgrim Fathers tied up on their way to Plymouth and the New World. That evening there will be a reception in the Totnes Guild Hall.

\*a butterfly farm

**Thursday, July 10th**. Evening banquet, followed by Professor G. J. Whitrow's address, "Man and Time: Some Historical Reflections."

**Friday, July 11th**. Breakfast as usual, followed by Business Meeting. Transportation details will be part of the material received at the time of arrival.

#### List of Papers and Poster Events.

Jacob A. Arlow, New York, NY USA (Psychoanalysis)

TIME AS EMOTION

Anindita Niyogi Balslev, Hojbjerg, Denmark (Philosophy)

TIME, SELF, AND CONSCIOUSNESS: SOME CONCEPTUAL PATTERNS

OF INDIAN THOUGHT

W. Bergmann, Berlin and G. Hoffmann, Hamburg, West Germany  
(Sociology)  
THE DYNAMIC STABILITY OF THE MIND: AUTOPOIESIS AND TIME

Richard A. Block, Bozeman, MT USA (Psychology)  
TIME AND MIND: THE VICISSITUDES OF CHANGE

Allen C. Bluedorn, Columbia, MO USA (Management Science)  
PRIMARY RHYTHMS, INFORMATION PROCESSING, AND PLANNING:  
DIRECTIONS FOR A NEW TEMPORAL TECHNOLOGY

Gilbert Cantor, Philadelphia, PA USA (Philosophy of Law)  
TIME AND PUNISHMENT

A. G. Cairns-Smith, Glasgow, Scotland (Chemistry)  
TIME AS THE DIMENSION COMMON TO MIND AND MATTER

K. G. Denbigh, London, England (Philosophy of Science)  
PHYSICAL TIME AND MENTAL TIME

H. W. Falkner, Gothenburg, Sweden (Literature)  
TIME AND ALTERED AWARENESS

J. T. Fraser, Westport, CT USA (The Study of Time)  
TIME AND MIND: INTERDISCIPLINARY ISSUES

Oliver W. Holmes, Middletown, CT USA (History)  
TIME AND MIND: THE SHAPE OF HISTORICAL TIME

Janet L. Jackson, Haren, The Netherlands (Psychology)  
THE PROCESSING OF TEMPORAL INFORMATION

Nathaniel Lawrence, Williamstown, MA USA (Philosophy)  
TIME IN MIND, TIME IN CONSCIOUSNESS, TIME IN ITSELF

Judy Lochhead, Stony Brook, NY USA (Mosaic)  
MUSICAL STRUCTURE AS TEMPORAL CONCEPT

Samuel L. Macey, Victoria, BC CANADA (Literature)  
TIME AND MIND: CHANGING DUALISMS IN THE PATRIARCHS  
TIME REFLECT CHANGING MENTAL ATTITUDES

Koichiro Matsuno, Nagaoka, Japan (Physics)  
SAVE TIME'S ARROW: HOW AND WHY DOES THE SYMMETRY OF  
TIME FAIL IN PHYSICS

Albert Mayr, Florence, Italy (Ethnomusicology)  
SOCIAL TIME IN EXPERIMENTAL MUSIC AND ART

Frederick T. Melges, Durham, NC USA (Psychiatry)  
TIME DISTORTIONS IN PSYCHIATRIC DISORDERS

John A. Michon, Haren, The Netherlands (Psychology)  
TIMING YOUR MIND AND MINDING YOUR TIME

Jacques Montangero, Geneva, Switzerland (Psychology)  
THE DIFFERENT ASPECTS OF TIME: THE VIEWPOINT OF A  
COGNITIVE PSYCHOLOGIST

Helga Nowotny, Vienna, Austria (Sociology)  
MIND, TECHNOLOGIES AND COLLECTIVE TIME-CONSCIOUSNESS:  
FROM THE FUTURE TO THE EXTENDED PRESENT

Wendy O'Flaherty, Chicago, IL USA (Religion)  
MYTH TIME, DREAM TIME, AND WAKING TIME IN ANCIENT INDIA

David Park, Williamstown, MA USA (Physics)  
SHOULD PHYSICISTS SAY THAT THE PAST REALLY HAPPENED?

Jann Pasler, San Diego, CA USA (Music)  
NARRATIVE AND NARRATIVITY IN MUSIC

Hans Pfeifferer-Wolf, Hannover, West Germany (Psychiatry)  
TIME CONFLICTS; PRELIMINARY REMARKS ON SOCIAL TIME AND  
PERSONAL TIME IN PSYCHIATRY

Joe Rosen, Tel Aviv, Israel (Physics)  
TIME AND THE ANTHROPIC PRINCIPLE

Albert Shalom, Hamilton, ONT CANADA (Philosophy)  
THE METAPHYSICAL PRESUPPOSITIONS OF THE ANTHROPIC  
PRINCIPLE

Charles Sherover, New York, NY USA (Philosophy)  
THE TIME OF MIND

Marlene Pilarcik Soulsby, Dunmore, PA USA (Literature)  
THE MIND IN TIME AND THE OTHER WAY AROUND: READING  
HAIKU, KAFKA, LEGUIN

- Ruth M. Stone, Bloomington, IN USA (Ethnomusicology)  
TIME, MUSIC, AND SENTIMENT IN AN ARABIAN COMMUNITY
- R. J. Thornton, Cape Town, South Africa (Anthropology)  
TIME SCALES AND SOCIAL THOUGHT
- Marianna Torgovnick, Durham, NC USA (Literature)  
BEYOND STREAM OF CONSCIOUSNESS: TIME AND MIND IN SOME  
MODERN AND POSTMODERN NOVELS
- G. J. Whitrow, London, England (History of Ideas)  
MAN AND TIME: SOME HISTORICAL REFLECTIONS

#### Poster Events

- Philip Chapnick, Santa Rosa, CA USA (Mayan Calendars)  
TIME AND MIND: A CALENDRIAL PERSPECTIVE
- Alton J. de Long, Knoxville, TN USA (Human Ecology)  
SPATIAL SCALE AND TEMPORAL EXPERIENCE: TOWARD AN  
EXPERIENTIAL RELATIVITY
- Richard J. Hancox, Montreal, QUE Canada (Communication Studies)  
CINEMA AND THE STUDY OF TIME
- Harriet B. Presser, Colleg Park, MD USA (Sociology)  
THE SCHEDULING OF WORK SHIFTS AMONG DUAL-EARNER  
COUPLES: ARE THERE GENDER DIFFERENCES IN ORIENTATION  
TOWARD TIME?
- Paola Reale, Parma, Italy (Psychology)  
TIME ORIENTATION
- John G. Weihaupt, Denver, CO USA (Geography)  
ANOMALIES IN MAN'S CARTOGRAPHIC KNOWLEDGE THROUGH TIME

#### Book Exhibit

As at our prior conferences, there will be an exhibit of time-related books written by ISST Members and Corresponding Members. If you care to display a copy of your book or books, please arrange for them to be mailed to Prof. J. D. Kramer, Chairman, Book Exhibit, ISST, Dartington Hall College of Arts, Totnes, Devon TQ9 6EJ, England. Or, bring copies along and hand them to Professor Kramer.

All precautions will be taken to prevent books from walking away, but neither Professor Kramer nor ISST assumes financial responsibility for lost volumes. If your publisher wishes the books to be returned, please ask them to send along a stamped, self-addressed mailing envelope.

#### Transportation

Totnes is about 160 miles West-Southwest of London as the crow flies. Methods of transportation by means other than crows are given below.

#### London-Totnes by Train

Totnes is on the London-Reading-Exeter-Plymouth line between Exeter and Plymouth. All trains from London stop at Reading, Exeter and Plymouth, but not all of them stop at Totnes. Inquire before boarding. The trip takes 3 1/2-4 hours. Seat reservations are recommended.

The main London trains reach Totnes between 4 and 5 P.M. On July 4th the Dartington Hall minibus will meet these and other London trains until the evening. Otherwise, take local taxi, which is inexpensive. Secombe Taxi: Tel. Totnes 8-64-75. Collins taxi: Totnes 86-20-74. Ask them to take you to Devon Centre. (See map).

## Air to London Train to Totnes

From **Heathrow** there is regular bus service to the Reading Railway Station. Do not backtrack to London, trains may be boarded in Reading. See instructions on trains, above.

From **Gatwick** take the Fast Southern Electric to Victoria Station, London, then Underground Circle Line to Paddington Station. Purchase underground ticket when you buy the main line ticket. See instructions on trains, above.

From **Luton** take train to London's St. Pancras Station, then Underground Circle Line to Paddington Station. Purchase underground ticket when you buy the main line ticket.

**Rented bus from Heathrow to Dartington Hall.** If you will be arriving at Heathrow any time before noon Friday, July 4th and would be interested in sharing a rented coach directly to Dartington Hall, please write to or telephone Dr. Bevans.

### London-Totnes by Car

From the London area take highway M4, turn south on M5. At Exeter take dual carriageway A38. After two turn-off signs for Ashburton take A385, signposted for Totnes and Dartington. No turns until Dartington Church, where you turn left. Dartington Hall is reached after hill ascent. The car park is opposite the entrance. See map.

### Registration at Dartington Hall

The location of the Conference Office in Devon Centre will be indicated on signposts. There will be help available with directions and luggage.

Registration deadline was January 31, 1986. For late registration use special blank in this Newsletter.

### Representation by Specialized Time Study Groups

The Association for Social Studies of Time (ASSET) a new body of social scientists will hold its conference at Dartington Hall, starting the afternoon of July 11. It will adjourn midday, July 13. All-in-price weekend L 41.00. ISST Members and Corresponding Members welcome. Write to Lord Young of Dartington, 18 Victoria Park Square, London E2 9PF, England.

Other specialized time study groups represented at the conference: International Research Group on Time Budgets (Halifax, Nova Scotia, Canada); Shiftwork International Newsletter (Edinburgh, Scotland); and Centro Internazionale di Storia dello Spazio e del Tempo (Padova, Italy). During the last year and a half there have been many time-related seminars, lectures and lecture series on the continent of Europe and in Mexico. Mr. Rudolf Wendorff has been keeping a tab on them and will be present at the conference.

### ISST VOLUMES

**The Study of Time I** is out of print. Copies of **The Study of Time II-IV** are available for ISST Members and Corresponding Members at a 20% discount by writing to Miss Jennifer Royal, Sales Service, Springer Verlag Publishers, 44 Hartz Way, Secaucus, NJ 07094, USA. For details, see Aperiodic Newsletter No. 12.

**Time, Science, and Society in China and the West** (The Study of Time V). See the last page of this Newsletter. For copies at 20% members' discount write to University of Massachusetts Press, P.O.Box. 429, Amherst, MA 01004 USA. In the United Kingdom, write to Eurospan, University Press Group, 2 Henrietta Street, London WC2E 8RU.

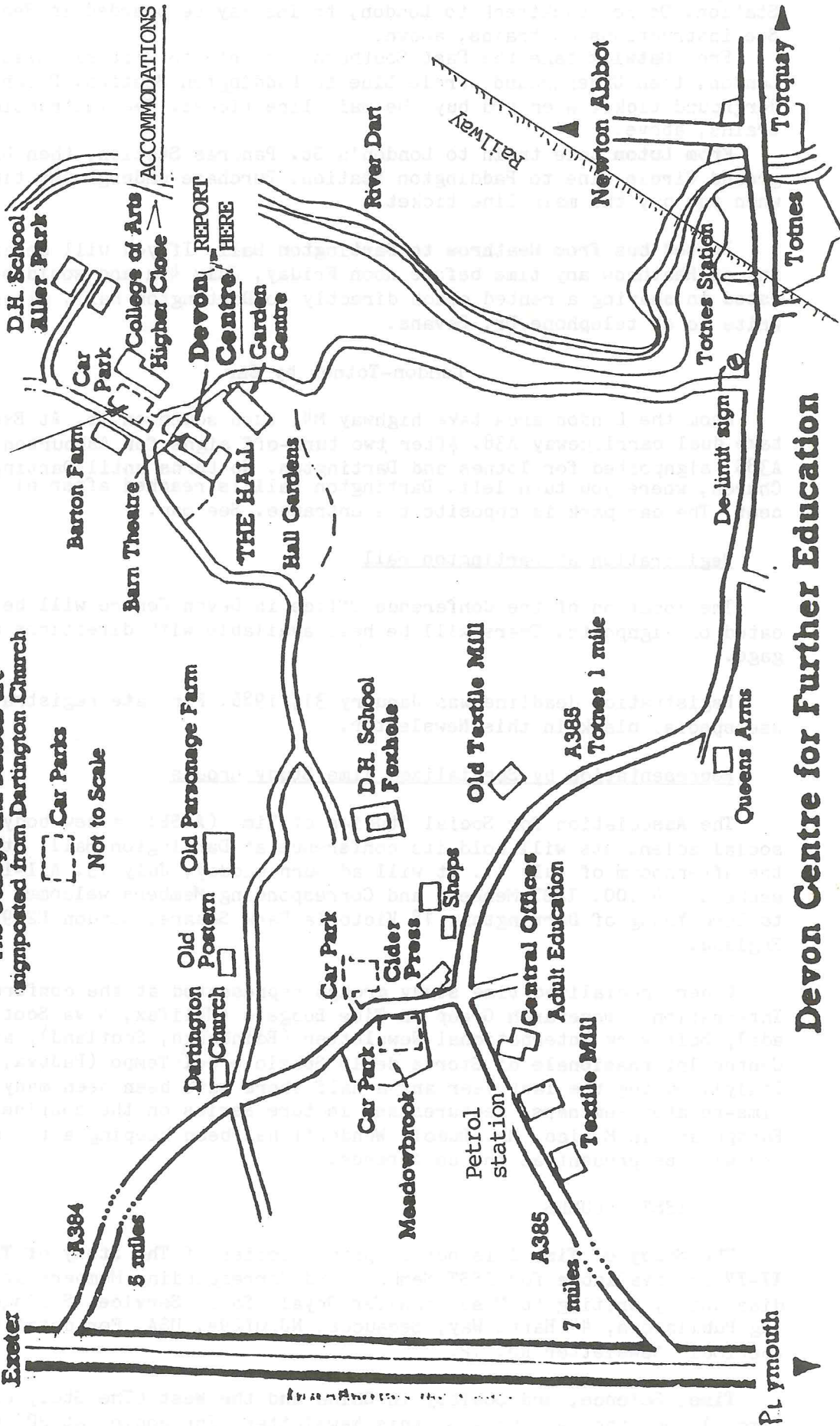
A38 from Exeter  
After Ashburton  
signposted to Totnes

# Dartington Hall

The College and Schools are  
signposted from Dartington Church

Car Parks  
Not to Scale

Park  
here



From Totnes take Plymouth  
Road and turn right at de-  
limit sign after footbridge.

From Plymouth take A38,  
turn right to Dartington on  
A385.

From Exeter take A38, turn  
left to Dartington on A384.