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International Society for the Study of Time

Aperiodic Newsletter

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January, 1983

No. 10

FROM THE EDITOR

This is certainly the Newsletter we all have been looking forward to, even your editor. After all the planning and bits and pieces of information about the Fifth ISST Conference, it is exciting to see it all come together. Surely everyone in attendance at Alpbach and before is looking forward to being together again in Castello di Gargonza this summer just as I am. I hope to see all of you there.

During these past three and a half years our members have been busy publishing new books, writing papers and lecturing on various aspects of time. I repeatedly see your names in publication announcements, in the newspaper, on the lecture circuit. It comes as no surprise, then, when you receive recognition for your achievements. A most recent example of such recognition is the awarding of the Wilbur Lucius Cross Medal of the Yale Graduate School Alumni Association to our own ISST President, George Ford. This medal takes note of George's outstanding achievement and places George among an illustrious list of past and present recipients. Congratulations, George.

Until Castello di Gargonza....

A MESSAGE FROM THE PRESIDENT

An official invitation for Members and Corresponding Members of ISST, to our Fifth Conference, is included with this Newsletter. I am looking forward to meeting you at Castello di Gargonza, come Sunday, July 3, 1983.

I would like to take this opportunity to stress that our conferences are organized on the assumption that all participants will arrive in good time for the opening of the conference and will remain there until after it adjourns. Only by respecting this custom of ISST can we assure fulfillment of our constitutional task, which is to provide a platform for multidisciplinary exchange. Since the effectiveness of our meeting depends on the cumulative force of discourse across the borders of academic disciplines, casual, part-time visits would be disruptive. The phrase "stay the course" has recently gathered certain unfortunate connotations for our American Members; yet it still describes the expectations of the Conference Committee.

A second detail to which I wish to point, especially for those of our colleagues for whom this will be the first ISST gathering, is that our conferences always have strenuous schedules. Beautiful scenery and the pleasure of each other's company will provide a background of relative relaxation. Indeed, so it did in the Black Forest, in Japan

and in Albach. But in the foreground will be our principal concerns. There will be no side-trips or other educational events or entertainments arranged.

To mention strenuous work is to be reminded of the labor that has been expended in the organization of this meeting. Four years of it. All members will join me, I am sure, in an expression of thanks to J. T. Fraser, our Founder and Secretary, and to the members of the Conference Committee who worked with him: Professors Hans Ågren, Brian Goodwin, F. C. Haber, S. Kamefuchi, Nathaniel Lawrence, Manfred Porkert and N. Sivin. We are especially indebted to Professor Albert Mayr who has been serving as our one-man Italian local committee, and who has been extraordinarily helpful in taking care of the innumerable preparatory details.

George Ford

THE FOUNDER'S COLUMN

In the view of this observer, the history of our species since the end of World War II has been one of profound political change, broad intellectual frustration, and increasing spiritual malaise. The vastness of the socio-economic and ideological conflicts suggests that we are doing more than simply witnessing yet another of the great revolutions of modern times; rather, we are experiencing a revolutionary change in the texture of human life itself.

The massive increase of random and undigested scientific data and the proliferation of half-baked ideas in all fields of knowledge are symptoms, rather than causes, of the unease. They suggest a universal process of fragmentation and a sense of lost purpose. In such an atmosphere the focusing of attention upon a single theme, that of time -- an aspect of existence that permeates all human feeling and thought -- appears to be a useful, unifying enterprise. It holds the promise of paving the road toward a new view of reality from which a novel understanding of man, society and the world can emerge.

A usually unstated assumption beneath collective intellectual work on a single theme is that all who do it address the same, or at least closely related issues. In the case of a multidisciplinary study of time, no such prior agreement necessarily exists.

Yet, the fact that our conferences have been attended by over 400 scientists and scholars suggests an unspoken agreement on the validity of the proposition that the issues discussed do, in some fundamental way, relate to each other. The participants, with the aid of their universities and various foundations, have "voted with their feet".

Reaching an understanding of the unity of existence has been one of the oldest hopes of the intellect. Such understanding has usually been sought through those modes of knowledge which thinkers regarded as richest in meaning and broadest in scope. In the West, for the Greeks it was philosophy, for the Schoolmen theology, for us today it is science and social science.

Synthesizing approaches directed toward the creation of a unified view of time, however, are quite recent. Obviously, they could not have preceded those periods of modern times during which the ever growing, distinct fields of knowledge introduced compartmentalization into our understanding of the world.

The radically increased interest in questions of time, as represented in the work of this Society and its members, appears to me as a reaction against that compartmentalization.

J. T. Fraser

REPORT FROM THE SECRETARY

The Fifth Conference

The Fifth Conference of this Society, on the main theme of Time, Science, and Society in China and the West will open at 9 A.M. on Monday, July 4, 1983 with the address of Dr. Joseph Needham, FRS, and close at noon, Saturday, July 9, 1983, with the adjourning gavel at the end of the business session.

Registration to the meeting will take place between 3 P.M. and 7 P.M. on Sunday, July 3rd, 1983. Professor and Mrs. Samuel L. Macey have kindly agreed to serve as the registrars.

The place of the meeting is Castello di Gargonza, 52048 Monte San Savino, Arezzo, Italy. Telephone 0575/84.70.21 and 055/24.15.86. Telex 571466 REDCO 1.

Housing and travel information has been prepared by Professor Lewis Rowell and is enclosed with those copies of this Newsletter mailed to Members, Corresponding Members and invited speakers.

A special sheet of instructions is attached to those issues of the Newsletter which are being mailed to our colleagues in Academia Sinica and the Chinese Academy of Social Sciences in the People's Republic of China.

The enclosed official invitation to Members and Corresponding Members is printed on one side of the page only so that it may be removed if needed.

Program

Detailed programs and a collection of abstracts of all papers await participants at the registration desk in Castello di Gargonza. The papers accepted for delivery by the Conference Committee are as follows:

Hans Ågren, Uppsala: **CHINESE TRADITIONAL MEDICINE: TEMPORAL ORDER AND SYNCHRONOUS EVENTS**

John Z. Bowers, New York: **THE DEVELOPMENT OF WESTERN MEDICINE IN CHINA: A BLEND OF WORLD VIEWS**

Tom Bruneau, Mangilao, Guam: **THE TEMPORAL BASES OF CULTURAL IDENTITY**

Tim Cloudsley, Glasgow: **SCIENCE, COSMOLOGY, AND TIME IN CHINESE AND WESTERN CIVILIZATIONS**

Denis Corish, Brunswick, Maine: **THE BEGINNINGS OF THE WESTERN SCIENTIFIC MIND**

- B. C. Goodwin, Sussex: THE RENAISSANCE MAGUS AND MODERN WESTERN SCIENCE
- Francis C. Haber, College Park, Maryland: THE SOCIAL INVENTION OF NEW VALUES: TIME, SCIENCE, AND TECHNOLOGY IN EARLY MODERN EUROPE
- Jin Guan-tao, Fan Dain-nian et al., Beijing: CHINA'S SCIENCE AND TECHNOLOGY STRUCTURE AND ITS EVOLUTION
- Jonathan D. Kramer, Cincinnati, Ohio: LINEARITY AND NON-LINEARITY IN TWENTIETH CENTURY MUSIC
- Lo Huisheng, Beijing: TZU-WU STREAM THEORY AND TIME CHANGE
- Luo Jiachang, Beijing: EVOLUTION OF THE IDEA OF TIME IN CHINESE HISTORY
- Nathaniel Lawrence, Williamstown, Massachusetts: THE ROOTS OF TIME IN HUMAN EXPERIENCE
- Samuel L. Macey, Victoria, British Columbia: LITERARY IMAGES OF PROGRESS: THE RISE AND FALL OF A WESTERN IDEAL
- Murray Melbin, Boston, Massachusetts: TEMPORAL PATTERNS IN LEARNING, POPULATION GROWTH, AND BIOLOGICAL EVOLUTION
- John A. Michon, Groningen: J. T. FRASER'S HIERARCHICAL LEVELS OF TIME AS COGNITIVE REPRESENTATIONS
- Joseph Needham, F.R.S., Cambridge: OPENING ADDRESS
- Jane Perry-Camp, Tallahassee, Florida: INNER AND OUTER LANDSCAPES IN MUSIC: TIME IN CHINA, INDIA, AND THE WEST
- Manfred Porkert, München: THE CONCEPT OF TIME WITHIN UNIFIED AXIOMATICS
- K. M. Schipper, Paris: PROGRESSIVE AND REGRESSIVE TIME CYCLES IN TAOIST RITUAL STRUCTURE
- Helwig Schmidt-Glintzer, München: TIME SCHEDULES IN TRADITIONAL CHINA: FIRST STEPS TOWARD RATIONALIZATION
- N. Sivin, Philadelphia, Pennsylvania: KEYNOTE ADDRESS: ON THE LIMITS OF EMPIRICAL KNOWLEDGE IN TRADITIONAL CHINESE SCIENCE
- Ruth M. Stone, Bloomington, Indiana: THE SHAPE OF TIME IN AFRICAN MUSIC
- Frederick Turner, Gambier, Ohio: POETIC METER, EAST AND WEST
- Synnøve Vinsrygg, Stavanger: TIME IN ARCHEOLOGICAL THOUGHT: CHINA AND THE WEST

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Rudolf Wendorff, Gütersloh, West Germany: **TIME CONSCIOUSNESS IN CERTAIN NON-WESTERN COUNTRIES**

Xi Zezong, Beijing: **THE DEVELOPMENT OF TIME RECKONING IN CHINA**

Zhang Peiyu, Nanking: **THE DEVELOPMENT OF EARLY CALENDRIAL SCIENCE IN CHINA**

Zhang Yinzhi, Guangzhou: **MOISTS' VIEWS OF TIME AND SPACE AND THEIR HISTORICAL SIGNIFICANCE**

Zhang Zhitie, Changsha, Hunan: **RESEARCH ON THE ANCIENT CHINESE IDEAS OF TIME THROUGH THE TAO**

Instructions to Speakers

Instructions to speakers, for the preparation of their papers were part of the invitations sent out to those listed above. Experience recommends, however, that they shall be reprinted in the Newsletter. Please note that the amount of time available for the talks will generally be less than would be necessary for the actual reading of the whole paper. Thus, the spoken version of the paper will have to be shorter than the typed version to be submitted in October to the Editors of *The Study Of Time V*.

Contents

The contents should be intelligible to a readership of very diverse backgrounds. Specialized terms should be clearly defined and significant conclusions clearly stated.

Authors are encouraged to strike a balance between expertise and popular presentation.

At the conference we talk to one another but in most cases the author will wish to sharpen his paper for publication. The reader is to be envisaged as a sophisticated intellectual with publications of his own but not ordinarily in the author's own special field of training.

The submission of the manuscript will be taken to imply that the material is original and has not been and will not be (unless first accepted for *The Study Of Time V*) submitted in equivalent form for publication elsewhere.

Length of Manuscripts

The manuscripts should be between 6000 and 7000 words long. Publishing limitations make it necessary to hold the length of the papers, in general, to this figure.

Form and Layout

Form, organization and referencing should conform to the professional practices of leading journals in the author's field and must remain consistent within the paper. Because of the multi-disciplinary readership, journal titles should not be abbreviated.

Every paper should be preceded by a summary not exceeding 300 words, intelligible without reference to the main text. It should not include abbreviations, references, or Chinese characters.

Manuscripts should be typewritten in double spacing throughout, including the summary and the footnotes and references. Footnotes and captions for illustrations should be typed separately at the end of the manuscript. A short running title should be given if the full title is longer than 40 characters, including spaces.

Illustrations, including graphs and tables must be in camera-ready form. Each illustration, table or graph must be accompanied by a brief caption that explains its significance without reference to the main text.

Language

Papers must be received in acceptable literary English. This is entirely the responsibility of the author because the Society has no funds to pay for editorial work and the publisher does not employ copy editors.

Tie-in with earlier proceedings

Volumes I, II, III and IV of **The Study Of Time** contain over a hundred papers. Please consult them so as to prevent unnecessary duplication. Authors should refer to prior articles if they appear significant to their work, capitalizing on opportunities for continuity.

Refereeing

All papers will be refereed in accordance with the practices of professional journals.

Delivery of the paper at the Conference does not automatically guarantee its publication. Accordingly, you are kindly requested to refer to your paper as "Submitted to **The Study Of Time V**" and not as "Forthcoming in **The Study Of Time V**," until you are advised of the acceptance of your paper.

Submission

Manuscripts in triplicate are due in the office of ISST not later than October 15, 1983.

In case a manuscript is found unsuitable for the forthcoming volume, only one of the copies will be returned.

Since we wish to make **The Study Of Time V** available without undue delay, the deadline will be strictly kept. Publication of manuscripts received after this date cannot be guaranteed.

Book Exhibit

As at our earlier conferences, we will hold an exhibit of time-related books and articles written by the participants of the Conference. Please bring such material along with you and give it upon arrival to Dr. Tim Cloudsley. Alternatively, you may ask your publisher to mail the material, or mail the books and articles yourself to: Dr. Tim Cloudsley, Book Exhibit ISST, Castello di Gargonza, 52048 Monte San Savino, Arezzo, Italy to arrive there by Saturday, July 2, 1983.