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International Society for the Study of Time

Aperiodic Newsletter

APR 24 1981

April 15, 1981

No. 7

FROM THE EDITOR

I am anxious to take this opportunity to extend to many of you my regret that your copy of the Aperiodic Newsletter, No. 6, arrived so late. The United States Post Office and I had a running battle for three weeks over the appropriate charges for those Newsletters sent abroad. I finally won the battle - but lost the war, as they say - after remailing the Newsletters three separate times, each time adding additional postage. If your Newsletter envelope arrived looking as if it had been through the wars, it had. I do hope that the Newsletter itself was in reasonable condition and that you enjoyed this lengthy and informative issue. Both my local post office and I are now a little bit wiser and I am hopeful that hereafter all members of ISST will receive their Newsletters promptly.

A MESSAGE FROM THE PRESIDENT

In our Newsletter of December 15, 1980, I reported about our 1979 Conference at Alpbach, with some happy recollections of mountain scenery and church bells, recollections that were evocative (I hope) of time past and of time present. In the three months since that Newsletter, many of us have been exposed to the usual winter of our discontent, with its chill blizzards, before the daffodils come thrusting up through the frozen crust of Upstate New York (where I happen to live) to reassure us that the Pluto-Persephone myth is still operative, and that the glorious summer of our sun or York (Old York, that is) will be returning, and that time future will soon be upon us.

But aside from such lush Shakespearian effusions, there seems little likelihood of fresh news items to report to our members at this season. Nevertheless, my eye was caught recently by one trifling item that merits being shared with our membership. In my last message I spoke of problems of communication between different fields of knowledge and the need for communication. In that context it is of interest to encounter the report of a recent meeting of the American Association for the Advancement of Science held in Toronto, in January, 1981. The President-elect of that organization, a Yale University physicist, expressed his dismay about the spread of what was called "illiteracy" among scientists, and as a prize example he cited the opening sentence of a recent Ph.D. thesis in his field: "This field of research is so virginal that no human eye has ever set foot in it."

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More encouraging and significant, however, is the report of the contributions of another physicist, one who writes with great force and clarity on science and on issues of time. This is my predecessor in our presidential office, David Park, whose book, The Images of Eternity: Roots of Time, has been published by the University of Massachusetts Press. That this book has this month been selected for the very high honor of the Phi Beta Kappa Annual award is another one of the happy signs of spring.

George H. Ford
(Rochester, New York)

THE FOUNDER'S COLUMN

The writer of this column is probably the only person on earth who spends most of his waking hours thinking, writing and lecturing about time. This makes for certain problems when people ask what he does.

Responses to the simple statement, "I study time," may almost be described in terms of ritualized steps.

First, the questioner's face is likely to turn completely blank. Then come the lighting up of the eyes and the identification of what, in the person's mind, the study of time must surely be. Einstein... life after death... space travel... time and motion study... biological clocks... dream research... prophecy... carbon 14 dating... the tempo of life... futurism. The claim, "I study time," serves to release reactions like a Rorschach test in the temporal domain.

J. T. Fraser

REPORT FROM THE SECRETARY

Springer Verlag New York has begun the production of The Study of Time IV. Only about one-half of the papers read in Alpbach will be included in the volume. For this reason the subtitle had to be changed from "Proceedings of..." to "Papers from the Fourth Conference of...." Unlike Time III, this volume will be typeset. Contributors can expect to hear from the copy editor before the summer solstice.

Letters have been mailed to twenty-five scholars in the People's Republic of China, inquiring whether they would join our 1983 conference on Science, Time, and Society in China and the West. For details, see our Aperiodic Newsletter No. 6. Suggestions regarding the conference from Members and Corresponding Members begin to come in.

The President has called a Council Meeting for October 11, 1981. The preliminary agenda contains the following items for discussion: program of the 1983 conference; place of the 1983 conference; critical evaluation of Time IV and what we should do about

the format of Time V; membership decisions and financial/operational details. If you are a Member or a Corresponding Member and you have suggestions for the Council, please write to the Secretary or to any Council Member.

TREASURER'S REPORT

Cash on hand as of January 5, 1980: \$ 469.87

1980 Receipts:

1980 dues (70)	1,750.00	
1980 Corresponding Member dues (22)	440.00	
1978, 1979 dues	95.00	
1981 dues rec'd in 1980	25.00	
Contributions	129.00	
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	\$2,439.00	\$2,439.00
		<hr/>
		\$2,908.87

1980 Disbursements:

Postage	720.44	
Supplies	612.97	
Telephone, telegraph	148.80	
Transportation, conferences on Society business	630.35	
Photocopying	163.97	
P.O. Box Rental	20.00	
Bank Account expense	11.50	
	<hr/>	
	\$2,308.03	\$2,308.03

Cash on hand as of January 6, 1981 600.84

\$2,908.87

Lewis Rowell
Treasurer

Aperiodic Newsletter
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TIME-RELATED ACTIVITIES

During the last eighteen years the following announcements about lectures, lecture series, courses and seminars have reached Dr. Fraser's office. The list does not duplicate entries that appeared in the last Newsletter.

1962

Time and Eternity. Series of lectures at the Warburg Institute, London.

1967

Lectures on Time. Princeton University, Louis Clark Vanuxem Fund.

Time. A colloquium. University of North Dakota, Department of Chemistry.

1971

Time and Modern Consciousness. A seminar. University of South Florida, Department of History.

1975

Time: Medieval, Renaissance, Perennial. A series of lectures. The City College of New York.

The Philosophy of Time. Graduate seminar, Hunter College, New York. Contact: Professor Charles Sherover.

1976

Time in Eighteenth Century English Literature. Graduate seminar. University of Minnesota, Department of English. Contact: Professor Paul Alkon.

1978

The Nature of Time. A series of public lectures. General honors program, University of Maryland.

1979

The Nature of Time. A seminar. George Mason University, Fairfax, Virginia, Physics Department. Contact: Professor Lawrence Fagg.

Time in Music: East and West. A conference. The University of Wisconsin, Milwaukee, Department of Music.

Perspectives on the Nature of Time. An interdisciplinary lecture series. University of Connecticut, Department of Biology. Contact: Professor Thomas Terry.

Time and Twentieth Century Novel. Special session, Modern Language Association Meeting, San Francisco.

Temps de la Vie et Temp Vecu. A series of lectures. University of Louis Pasteur, Strasbourg. Contact: Professor Herve Barreau.

1980

Studies on Time Use. A conference. Bulgarian Sociological Association, Sophia.

Time, Quality of Life and Social Development. A conference. Fundacion Bariloche, San Carlos de Bariloche, Argentina. Contact: Dr. Carlos A. Mallmann.

1981

African Dimensions of Time. A seminar. University of Indiana, Folklore Department. Contact: Professor Ruth Stone.

BOOKS, ARTICLES, LECTURES, SYMPOSIA

A REPORT ON MEMBERS' AND CORRESPONDING MEMBERS' ACTIVITIES

The purpose of this column is to inform the membership about time-related activities of Members and Corresponding Members. The previous Newsletter carried some 250 citations. The list that follows continues and updates that list. Deadline for the next issue is December 15, 1981. Please send all material, carefully edited, to Dr. Fraser.

Edward T. Hall

The Silent Language, Garden City, N.Y.: Doubleday & Company, Inc., 1959.

John A. Michon

Timing in Temporal Tracking, Assen: Van Gorcum, 1967.

"Temporal Structure of Letter Groups and Span of Perception," Quart. J. Exp. Psych., 16 (1964), 232-240.

"Note on the Measurement of Perceptual Motor Load," Ergonomics, 7 (1964), 461-463.

"Studies on Subjective Duration. I: Differential Sensitivity in the Perception of Repeated Temporal Intervals," Acta Psychol., 22 (1964), 441-450.

"Studies on Subjective Duration. II: Subjective Time Measurement During Tasks with Different Information Content," Acta Psychol., 24 (1965), 205-219.

"De perceptie van duur. (The perception of duration)," Ned. Tijdschr. Psychol., 20 (1965), 391-418.

"The Problem of Perceptual Motor Load," In: Studies in perception dedicated to M.A. Bouman, Soesterberg: Institute for Perception, 1966.

"Timing Behavior and Perceptual Information," (With N.J.L. van der Valk) Proceedings of the XVth International Congress of Psychology, Moscow 1966. Symposium 17 (available as Tech. Rep. IZF 1966-5).

"Tapping Regularity as a Measure of Perceptual Motor Load," Ergonomics, 9 (1966), 401-412.

"A Semi-portable Apparatus for the Measurement of Perceptual Motor Load," (With H. van Doorne) Ergonomics, 10 (1967), 67-72.

"A Dynamic Model of Timing Behavior," (With N.J.L. van der Valk) In: A.F. Sanders (ed.): Attention and Performance, Acta Psychol., 27 (1967), 204-212.

"Magnitude Scaling of Short Duration with Closely Spaced Stimuli," Psychon. Sci., 27 (1967), 204-212.

"A Model of Some Temporal Relations in Behavior," Psychol. Forsch., 31 (1968), 287-298.

"Schaalproblemen big het besturen van supertankers (Scale Problems in Supertanker Manoeuvring)," (With W.A. Wagenaar), TNO-Nieuws 24 (1969), 309-313.

"Model of Some Temporal Relations in Behavior," In: A. de Brisson (ed.): La Simulation du Comportement Humain, Paris: Dunod, 1969, 387-397.

"Processing of Temporal Information and the Cognitive Theory of Time Experience," The Study of Time I. Heidelberg: Springer, 1972. (Also in Studium Generale, 1970).

"Programs and 'Programs' for Sequential Patterns in Motor Behavior," Brain Research 71 (1974), 413-424.

"Duurbeleving en Geheugenprocessen. (Time experience and the Memory Process)," Ned. Tijdschr. Psychol. 28 (1974), 549-563.

"Time Experience and Memory Processes," In: The Study of Time II. New York: Springer, 1975, pp. 302-313.

"Holes in the Fabric of Subjective Time: Figure Ground Relations in Event Sequences," Indian Journal of Psychology 51 (1976), 106-117.

"Holes in the Fabric of Subjective Time: Figure-Ground Relations in Event Sequences," Acta Psychologica 641 (1977), 191-203.

"The Making of the Present: a Tutorial Review," In: J. Requin (ed.) Attention and Performance VII, Hillsdale, N.J.: Erlbaum, 1978, pp. 89-109.

"Le Traitement de l'information Temporelle," In: P. Fraisse et al., De Temps Biologique au Temps Psychologique, Paris: Presses Universitaires de France, 1977, pp. 255-287.

"The Perception and Evaluation of Time from a Psychological Viewpoint," Epistemologia 1 (1978), 223-250.

Book review of John Cohen's Psychological Time in Health and Disease. American Journal of Psychology, 82 (1969), 550-551.

Book review of J.C. Levy, Le temps psychologique, American Journal of Psychology, 84 (1971), 304.

"Timing, a Yardstick of Perceptual Burden," paper to the Ergonomics Conference, Leiden, 1962 (reprint), Tech. Rep. IZF 1965-10.

"The Effect of Contracted Time Scales in Scale Model Manoeuvring" (With W.A. Wagenaar), Tech. Rep. IZF 1968-C3.

"The Non-experience of Duration During a Choice Reaction Task," Tech. Rep. IZF 1968-10.

"The Perception and Evaluation of Time from a Psychological Viewpoint," Rijksuniversiteit Groningen, Heymans Bulletin Nr. 76-HB-235 EX.

"Time as a Cognitive Psychologist's Problem," Rijksuniversiteit Groningen, Heymans Bulletin Nr. HB-80-478 EX.

"Psychological and Physiological Aspects of the Temporal Organization of Behavior," to appear in: Proceedings of the UNESCO Workshop on Time, Quality of Life, and Social Development, San Carlos de Bariloche, October 1980.

Suchoon S. Mo

"Judgment of Temporal Duration as a Function of Numerosity," Psychonomic Science, 24 (1971), 71-72.

"Judgment of Temporal Duration of Area as a Function of Stimulus Configuration," Psychonomic Science, 27 (1972), 97-98.

"Non-monotonicity of Temporal Recognition of Brief Duration," Perceptual and Motor Skills, 34 (1972), 887-890.

"Judgment of Temporal Duration of Stimulus Components in a Spatial Sequence," Perceptual and Motor Skills, 37 (1973), 619-623.

"Comparative Judgment of Temporal Duration in Conjunction with Contextual Variability: A test of Memory Storage Models of Temporal Judgment," Perceptual and Motor Skills, 39 (1974), 115-120.

- "Temporal Reproduction of Duration as a Function of Numerosity," Bulletin of the Psychonomic Society, 5 (1975), 165-167.
- "Non-monotonicity of Temporal Judgment of Duration as a Function of Numerosity," Bulletin of the Psychonomic Society, 7 (1976), 196-198.
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- "Prior Time Uncertainty Reduction of Foreperiod Duration Under Two Different Levels of Event Uncertainty in Schizophrenia," Journal of Clinical Psychology, 33 (1977), 53-58.
- "Foreperiod Effect on Time Estimation and Simple Reaction Time," Acta Psychologica, 1977, 41-59.
- "Prior Event Uncertainty Reduction Under Two Different Levels of Time Uncertainty of Foreperiod Duration in Schizophrenia," Journal of Clinical Psychology, 33 (1977), 376-380.
- "Prior Time Uncertainty Reduction of Foreperiod Duration Under Two Different Levels of Event Uncertainty in Process and Reactive Schizophrenia," Journal of Clinical Psychology, 33 (1977), 381-385.
- "Weakness and Instability of Time Expectancy in Schizophrenia," Journal of Clinical Psychology, 34 (1978), 37-44.
- "Binocular Locus of Prior Time Information Effect in Schizophrenia," Journal of Clinical Psychology, 34 (1978), 595-600.
- "Differential Effect of Prior Event Information on Reaction Time with Respect to Paranoid vs. Nonparanoid Symptomatology," Journal of Psychiatric Research, 15 (1979), 41-49.
- "Foreperiod Effect on Time Estimation and Simple Reaction Time in Schizophrenia," Journal of Clinical Psychology, 36 (1980), 94-99.
- "Extensionality of Information Accompanying the Effect of Numerosity on Estimation of Time Duration," Perceptual and Motor Skills, 51 (1980), 899-902.

Charles Sherover

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- The Human Experience of Time, New York: New York University Press, 1975.
- "Kant's Transcendental Object and Heidegger's Nichts," Journal of the History of Philosophy, 1969.
- "Time and Ethics: How Is Morality Possible?" in The Study of Time, II.
- "Talk of Time," Centerpoint, Guest Issue - Fall 1977.
- "The Question of Noumenal Time," Man and World, X, 4 (1977).
- "Perspectivity and the Law of Continuity," The Study of Time, IV.
- "Experiential Time and the Religious Concern," read at Conference on Religion in an Age of Science, Star Island, N.H., August 1980; scheduled for publication in Zygon: Journal of Science and Religion, 1981.
- "Are We In Time?" read at Vassar College, February 1980; Iona College, April 1980; Bryn Mawr College, February 1981. Scheduled for publication in Southwestern Journal of Philosophy, April 1982.
- "Founding an Existential Ethic," scheduled for publication in Human Studies, summer, 1981.