

CURRICULUM VITAE – STEIN E. JOHANSEN (June 2006)

Full name: Stein Erik Johansen

Born: June 16, 1954 in Trondheim, Norway.

Nationality: Norwegian.

Main employment and work address: Norwegian University of Science and Technology, Department of Social Anthropology, N-7491 Dragvoll, Norway.

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Highest degree:

1991 D.Sc. (classic Norwegian *dr. philos.*) in philosophy of economics, University of Bergen, Norway. D.Sc. thesis: *The Concept of Labour Time Content: A Theoretical Construction. A revisionist contribution to the foundation of form reflected capital theory.* (Published 1991 in Norwegian by Ariadne, Bergen, Norway. 638 p.)

Education:

1985 Ph.D. (Norwegian *magister*) in philosophy, University of Bergen, Norway.

University degrees in other disciplines: economics, anthropology, sociology, mathematical logic.

1973 Graduate Strinda gymnas, Trondheim, line of science and mathematics.

Scientific employment:

2002-> Full Professor, Division of physics, Institute for Basic Research, USA.

1995: University member (one of two) in think-tank at Statoil Research Centre exploring possibilities for strategic development of alternatives to oil energy.

1992-> Associate Professor in social anthropology, Norwegian University of Science and Technology (NTNU), Trondheim, Norway.

1991-1992: Associate Professor in sociology / university librarian, University of Oslo, Norway.

1988-1990: Research scholar in social anthropology, University of Trondheim, Norway.

1985-1987: Senior research assistant in social anthropology, University of Trondheim, Norway.

Fieldworks/research stays:

2001-> Tellus (information flows connected to the cutting-edge of science and technology in the global knowledge ecology).

1997: Santa Fe Institute, New Mexico, USA (complexity science)

Sint Eustatius, Netherland Antilles (memetic paradox operators)

1993: Seychelles (heterogeneity of belief system)

1985-1987: Trondheim, Norway (youth counterculture).

Books: (only first editions included)

- 2005 (ed.) *Anthropology and Ontology. Trondheim Occasional Papers in Social Anthropology*. Norwegian University of Science and Technology. (English and Norwegian; 170 p.)
- 2004 *ForWard. Mapping the hidden metabolism of subtle energy flow using capital logic as template*. Norwegian University of Science and Technology. (e-book in English; 116 p.)
- 2001 *Ferrari! Introduction to hadronic science*. Norwegian University of Science and Technology. (e-book in Norwegian; 178 p.)
- 2000 *Owl of Minerva. Some radical transcendental implications of the Bohmian turn in cutting-edge science*. Norwegian University of Science and Technology. (e-book in Norwegian; 146 p.)
- 1999 *Studies in Complexity and Anthropology* (Norwegian, yet to be offered for publication; 222 p.)
- 1998 *Economic-Philosophic Manuscripts* (Norwegian, yet to be offered for publication; 277 p.)
- 1994 (ed.) *Welcome to Virtual Reality*. University of Trondheim. (Norwegian; 252 p.)
- 1992 *Algorithms of Delight* (Norwegian, yet to be offered for publication; 211 p.)
- 1991 *Outline of Differential Epistemology*. University of Trondheim. (Norwegian, English translation in transit; 296 p.)
- 1991 *The Concept of Labour Time Content: A Theoretical Construction. A revisionist contribution to the foundation of form reflected capital theory*. (D.Sc. thesis.) Bergen: Ariadne. (Norwegian; 638 p.)
- 1988 *24 Hour People. On life beyond work among counterculture youth in Trondhjem*. University of Trondheim (Norwegian; 480 p.)
- 1987 *Quo vadis, sapiens...Prelude to a subject-oriented theory of culture*. Trondheim Occasional Papers in Social Anthropology. University of Trondheim. (Norwegian; 324 p.)
- 1985 *The Concept of Labour Time Content: A Theoretical Construction. Contribution to the foundation of form reflected capital theory and critique of Marx*. (Ph.D. thesis in philosophy.) (Norwegian, not to be offered for publication; 270 p.)
- 1981 *Outline of the non-Capital Economic System Derived from Labour Time Calculations*. (Norwegian, yet to be offered for publication in complete text; 225 p.)

Articles:

About 50 articles, mainly in anthropology, philosophy, economics and complexity science, but also including subjects of sociology, psychology, history, biology, informatics, technology, and hard science.

Latest publication:

- 2006 Initiation of 'Hadronic Philosophy'. The Philosophy Underlying Hadronic Mechanics and Chemistry. *Hadronic Journal* **29**, 2/2006:111-135.

Abstract of latest article

In this paper we introduce, apparently for the first time, the novel ‘hadronic philosophy’, namely, the philosophy underlying the novel hadronic mechanics and chemistry, invented by R.M. Santilli and constructed to its present level by himself along with contributions from numerous other scientists around the world. It is stated that the emergence of hadronic mechanics, as well as the new hadronic sciences in general, follows the usual pattern of scientific revolutions, characterized by generalization, broadening and lifting from earlier theories. The hadronic sciences de facto have far-reaching ontological underpinnings as well as implications, consistent with the ontological framework established by David Bohm as well as the differential ontology worked out by the author. The direct universality of hadronic mechanics is consistent with a universal differential ontology, while Gödel’s theorem(s) is argued not to hold ontological universality and truth. In differential ontology the universality of causality is implied in the very concept of information. This follows the intuition of Einstein, and the information flows corresponding to the new, non-trivial time categories established by hadronic biology represent scientifically legitimate causality operators. From the fundamental ontological attributes of the abstract category of “border”, implied in the very category of information, it is argued that the Fibonacci algorithm is the elementary and universal form of nature’s information processing. The generation of prime numbers is stated as glued to the unfolding of the Fibonacci sequence. Also, it is shown by a complementary weeding out approach that there is a pattern in the prime number sequence, as well as what pattern this is.

Already the article or its paper lecture has been quoted in published articles by Prof. Robert Pope (director of Science-Art Research Centre, Australia), Prof. in physics Alexander Animalu at University of Nigeria (translated to Chinese), Prof. in medicine Erik Trell at University of Linköping, and – quite profoundly – in the following innovative article in biophysics authored by mathematical physicist Peter Rowlands at University of Liverpool and biotechnologist Vanessa Hill at Royal Holloway University of London:

P. Rowlands and V. Hill: Fundamental Mathematical Structures Applied to Physics and Biology, in *Proceedings of the 27th annual meeting of the Alternative Natural Philosophy Association (ANPA)*, Cambridge 2005, ed. K. Bowden, 2006.

Lecturing:

University lectures from 1977.

Extensive practice in lecturing anthropology at all levels since 1985.

Organizer and main lecturer at Research Seminar of Department of Social Anthropology, University of Trondheim, 1992-1995.

Organizer and main lecturer for PhD-education at Department of Social Anthropology, University of Trondheim/NTNU, 1995-2004, including all education in theory and philosophy of science.

Guest lectures at other Norwegian universities at Master level from 1979 on (philosophy, economics, pedagogics, anthropology).

Guest lecture at University of Newcastle, Australia, PhD-level (2005).

Guest and honorary lectures for Norwegian companies in economics, anthropology, complexity science and genetic algorithms.

Guest lectures for restricted scientific groups and different kind of organizations, the latter including Rotary and International Association of Transport Museums.

Talk at the opening of the Natural Science Building at Norwegian University of Science and Technology, May 31, 2000.

Conference papers:

International conferences in philosophy, economics, anthropology, technology and hard sciences.

Latest conference papers:

- *Outline of a Hadronic Philosophy*. University of Karlstad: 18. Workshop in Hadronic Mechanics, June 2005, Karlstad, Sweden.
- *Exposition of Double-Strain-Twisted Fibonacci Sequence as the Constitutional Logic for Evolution*. British Computer Society and Norwegian University of Science and Technology: Science and Philosophy Engaged, April 2006, Rindal, Norway.

Organizer of conferences:

Main organizer of about a dozen national conferences, including three recent around the work of foreign scientists being present (Trell 2004, Pales 2005, Purcell 2006).

Main organizer of one international conference (*Science and Philosophy Engaged 2006*), co-organizer of another (*18. Workshop in Hadronic Mechanics 2005*).

Network:

Extensive global network in cutting-edge science and technology, mainly in research institutions and university sector, but also including some finance and shipping.

Favourite physical exercise:

Tennis in summer, speed skating in winter, spin-cycling all year.

World Championships:

Only one: 1994: World Champion in *basse* (a curious micro-football game, constituting a prototypic Trondheim sport from turn of 19th century with restricted national and international diffusion).

Favourite music:

Beatles, Dylan, 77-punk; also Donovan, Cohen and Sigur Rós.

Purpose of life:

Contribute to release of creativity and life force in harmonic symphony to make the world a nice place. Considering the existence of some entropic counterforce being around, this translates to Strawberry Fields mating Valhalla.

Appendix June 2007:

Latest article: *Time out of Time. Towards an expanded, non-trivial and unitary theory of time from recent advances in the hadronic sciences*. (in press)