

Plenary Speech—Søren Brier (Denmark)



Can Cybersemiotics solve the problem of informational transdisciplinarity?

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ABSTRACT

A transdisciplinary theory of cognition and communication has been described at least from the following paradigms 1. An objective information processing view or info-mechanicism; 2. A social constructivist view; 3. A systemic cybernetic view of self-organization; 4. Semiotic paradigms of experience and interpretation (phenomenological and hermeneutical aspects) including biosemiotics going into animal, plant, bacterial and cellular living systems. They all have their transdisciplinary shortcomings. What is suggested here is a transdisciplinary framework called Cybersemiotics that integrates phenomenological and hermeneutical aspects of Peircean semiotic logic with a cybernetic and a systemic autopoietic emergentist process-informational view.

ABOUT THE SPEAKER

He holds a MSc in ecological biology with a focus on ethology from the U. of Copenhagen, a Ph.D. in Philosophy of Information Science from the U. of Roskilde and a Doctor (Habil) of transdisciplinary Philosophy of science from Copenhagen Business School with the book *Cybersemiotics: Why information is not enough*, Toronto University of Press (now available as a Google book as well as on Kindle and paperback). He was the founder and editor of the Danish interdisciplinary journal *Paradigma*, which brought him into contact with The American Society for Cybernetics. He participated in the creation and running of the Danish Academy of Applied Philosophy, which was a meeting place for philosophers, politicians and business people and he is still on the board of Centre For Ethics And Law In Nature And Society both in Denmark. He is founder and editor in Chief of the interdisciplinary quarterly journal *Cybernetics & Human Knowing* for 25 years, a fellow of the American Society for Cybernetics, a member of its International Advisory Board and 2008 recipient of The Warren McCulloch Award; he served to terms at the board of research committee RC 51 on Sociocybernetics in ISA, the International Sociological Association. He is an Academician of The International Academy for Systems and Cybernetic Sciences (IASCYS), which is an honor society initially created by the International Federation for Systems Research (IFSR), he is one of the founders of the Int. Ass. for Biosemiotic Studies and on the editorial board of its *Journal Biosemiotics* as well as on the scientific board of the Nordic Association for Semiotic Studies (NASS). He is a member of The Science of Information Institute, of the Foundations of Information Science (FIS) and of the International Society For The Study Of Information (IS4SI) as well as an editorial board

member of Systems Research and Behavioral Science and several other scientific journals. He has an interest in the pragmaticist and semiotic philosophy of C. S. Peirce and the system science of N. Luhmann, which he has attempted to combine in the transdisciplinary framework called Cybersemiotics: See Cybersemiotics.com, where you can find videos of international talks and other activities. He teaches and is the author of various teaching books on inter- and transdisciplinary philosophy of science in Danish, the latest of which is called Tværvidevidenskabsteori (Transdisciplinary philosophy of Science).