**KENNETH J. KNOESPEL**

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**Education**

 Ph.D. University of Chicago (1982)

 B.A. University of Wisconsin, Madison (1969)

**Research Interests**

Cognitive analysis of diagrams in discovery and innovation

 Design morphology and cognition

 Digital media and the future of the museum

**Selected Publications (Cognition and Visualization)**

• ‘Digital Media in an Era of University Transformation,’ *Revue Francaise d’Etude Américaines* (RFEA), No. 128 (2011:2), 46-61.

 • “La Nostalgie à l’époque de la reproductibilté technologique: La Mnémosyne d’Aby Warburg et le Pssagen-Werk de Walter Benjamin,’ *Speilraum: W. Benjamin et l’Architecture* (Paris: Éditions de la Villette, 2011), 209-227.

• “Linnaeus and the Siberian Expeditions: Translating Political Empire into a Kingdom of Knowledge,” *Languages of Science in the Eighteenth Century ed. Britt-Louise Gunnarsson* (Berlin: De Gruyter Mouton, 2011), 207-226.

• 'Russia,' in *The Routledge Companion to Literature and Science* ed. Bruce Clarke and Manuela Rossini (London: Routledge, 2010), 486-496.

• “Continuous Materiality Through a Hierarchy of Computational Codes” in Theorie, Littérature, Enseignement 25, (2008) [Press Universitaires de Vincennes], 235-247. [with Jichen Zhu]

• “Diagrammes, Matérialité et Cognition,” in *Penser par le diagramme de Gilles Deleuze à Gilles Châtelet, Theorie*, *Littérature, Enseignement* 22 (2004) [Press Universitaires de Vincennes], 143-163.

• “Diagrams and the Anthropology of Space,” *Introduction to Diagrams and the Anthropology of Space* ed. Kenneth J. Knoespel, *Philosophica* 70 (2002) [University of Gent]

• “Diagrammatic Transformation of Architectural Space” in *Philosophica*, 70 (2002) [University of Gent], 11-36.\

• “La Construction Spatiale du Sens en Architecture: Un Project Transdisciplinaire,” (with John Peponis, Yves Abrioux, Aarati Kanekar, Iris Lycouriosti, Antonis Touloumis, Kaerina Michalopoulou, Ioanna Spanou, Evelyn Gavrilou), *Theorie, Littérature, Enseignement* (TLE) 20 (Saint-Denis: Presses Universitaires de Vincennes, (2002), 139-156.

• Diagrams as Piloting Devices in the Philosophy of Gillles Deleuze,” *Theorie, Littérature, Enseignement* (TLE) 19 (Saint-Denis: Presses Universitaires de Vincennes, 2001), 145-163.

• "Models and Diagrams within the Cognitive Field," (Chinese translation), *Model-Based Reasoning in Scientific Discovery*, ed. Lorenzo Magnani, Nacy J. Nersessian, and Paul Thagard (Bejing: n.p., 2001), 63-79.

• "Diagrammatic Writing and the Configuration of Space," Introduction to Gilles Châtelet, *The Configuration of Space* (Dordrecht: Kluwer Academic Publishers, 2000), ix-xxiii; English translation of, *Les enjeux du mobile: mathématique, physique, philosophie* (Paris: Seuil, 1993).

• "Models and Diagrams within the Cognitive Field," *Model-Based Reasoning in Scientific Discovery*, ed. Lorenzo Magnani, Nancy J. Nersessian, and Paul Thagard (Dordrecht: Kluwer, 1999), 59-73.

• "L'Écriture, le chaos et la dèmystification des mathèmatiques," *Theorie, Littérature, Enseignement* (Saint-Denis: Presses Universitaires de Vincennes, 1994), 41-68.

**Synergistic activities**

Knoespel has participated in building undergraduate and graduate programs at Georgia Tech as a faculty member, school chair, associate dean and interim dean. He has contributed to program developed at universities in France, Russian, and Sweden. At Georgia Tech he worked to establish the undergraduate B.S. in Science, Technology, and Culture (STAC), the B.S. in Computational Media (CM) and the Ph.D. and M.S. Programs in Digital Media. He also participated in establishing, Poetry@Tech one of America’s foremost programs in poetry. He is also a founding editor of *Configurations* (Johns Hopkins University Press). He has held research appointments at the University of Uppsala, University of Paris 8, Cornell University, the Hebrew University of Jerusalem, and at the Russian Academy of Science.