

Spatial Information Theory

International Conference, COSIT 2005, Ellicottville, NY, USA, September 14-18, 2005, Proceedings

This volume contains the papers presented at the "Conference on Spatial Information Theory", held in Ellicottville, New York in September 2005. COSIT 2005 was the 7th International Conference held under the COSIT name. When - drew Frank and his colleagues organized the first COSIT conference on the island of Elba, Italy, in 1993, it represented the maturing of an international research community that had already met four or five times in the United States, Spain, and Italy. Of course, cognitive and computational approaches to space and spatial phenomena were not themselves new topics, but a context of providing theoretical underpinning for geographic information systems refocused some of these researchers and brought them up against practical and conceptual challenges. A second international symposium under the COSIT name, held in Semmering, Austria in 1995, established COSIT as a biennial conference series that continued at Laurel Highlands, Pennsylvania, USA (1997), Stade, Germany (1999), Morro Bay, California, USA (2001) and Ittingen, Switzerland (2003). A productive partnership with Springer's Lecture Notes in Computer Science has ensured that the papers from every COSIT meeting have been widely disseminated, and the COSIT community has contributed significantly to the development of Geographic Information Science, Geoinformatics and Spatial Information Theory in general.

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