

Mapping Science

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ABSTRACT

In this talk I will showcase recent progress in mapping mankind's scholarly knowledge on a global scale. I will start with an introduction of the process of mapping scholarly data, continue with an overview of commonly used metaphors and references systems, and conclude with a visual feast of large-scale maps of sciences and their exemplary usage. I will conclude with an invitation to map the dynamics of science – to model and visually depict science weather forecasts.

The talk draws on work published in [1-7] as well as on the 'Places & Spaces: Mapping Science' a science exhibit on display at the NYPL Science, Industry, and Business Library (Madison/34th), New York, April 3rd - August 31st, 2006 (<http://vw.indiana.edu/places&spaces/nypl>).

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