

Mathieu Jacomy - born August 1, 1980

Researcher & Engineer

Digital methods applied to the social sciences

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Research focus

My research investigates how digital knowledge technologies transform our relation to complex phenomena. I focus on network exploration and analysis in a social science setting by developing tools, supporting users, and reflecting on methodological aspects. My favorite research field is the world wide web and my approach is influenced by controversy mapping and actor-network theory.

Academic positions

August 2018 to today **Aalborg University Copenhagen - TANT-Lab**

Research assistant, PhD student. Studying the epistemology of network science, situating visual network analysis, developing new empirical algorithmic techniques for network analysis.

October 2011 to August 2018 **Sciences Po Paris médialab**

Developing digital tools for social scientists, including *Gephi* for network visualization and analysis, *Hyphe* for web crawling, and various *médialab* tools, all free and open source.

Publishing papers in computer and social sciences, teaching controversy mapping and digital methods, under the direction of Bruno Latour.

October 2010 to October 2011 **Sciences Po Paris médialab - TRUST**

Developing tools to help economists create web-based socio-economic metrics, under the direction of Yann Algan

2006 to 2010 **Fondation Maison des Sciences de l'Homme - e-Diasporas**

Creating and developing digital tools and methods of the *ICT and Migrations* program, under the direction of Dana Diminescu.

Created and developed *Gephi* (>1 million downloads) and the *e-Diasporas Atlas* network analytics platform.

Education

2005 **Master's degree** in Université de Technologie de Compiègne (UTC) COSTECH laboratory, social sciences (delivered the 2006-03-10)

2004 **Engineering degree** in UTC

1998 **Science baccalaureate** distinction "Bien"

Other achievements

2012 to 2017 Board member of **Association La Case (NGO)**

La Case provides animations and teachings in the field of sustainable development and international solidarity, and has 5 employees.

Skills

Digital methods

Expert in Gephi, Hyphe, OpenRefine

Academic research

Visual network analysis, Computational social science, Controversy mapping, Graph theory, Web mining

Web development

Javascript, jQuery, Angular, d3.js, HTML5 & CSS3, PHP & SQL

Software development

Java, Notions of Python & Perl

Visual communication

Expert in Illustrator, Photoshop, InDesign, d3.js

Languages

French (native)
English
Danish (basic)
German (basic)