

ASU Tempe campus

School for the Future of Innovation in Society

Innovations Talk

David Demortain

The Politics of Anticipatory Expertise. Analyzing modeling and predictive tools from a science, technology and innovation studies (STIS) perspective.

**Tuesday, Oct. 8
Noon – 1 p.m.
COOR, Room 5536**

The so-called “science, technology and innovation studies” (STIS) - a broad label inspiring the creation of various centres in France and in Europe — endeavor to apply to innovation policies and systems a similar approach than science and technology studies have elaborated to deal with the social construction of knowledge and technologies. In this talk, I would like to outline the elements of this STIS program, and illustrate it by the research themes of the Institute For Research Innovation and Society (IFRIS), a consortium of research centres in the areas of STS and innovation studies in France. Second, I will illustrate some of the results of this program, focusing on a recent research project of IFRIS researchers dedicated to innovation in the forms of policy expertise, and the introduction of predictive modeling and other “new” forms of anticipatory knowledge in three policy areas (energy policy, crime control and chemical regulation).



David Demortain, is a senior sociologist with the French Laboratoire Interdisciplinaire Sciences Innovations Sociétés (LISIS: Interdisciplinary Laboratory for Science Innovation and Society), a center dedicated to research on science and innovation policy, and science and technology studies founded in 2015. He has circa fifteen years of experience studying the politics of expertise in the regulation of technologies and risks, with research looking at food safety, pesticides, chemicals or medicines in the European Union and in the United States. He has looked at the interplay between science and policy from various perspectives: the power of transnational expert communities to construct international safety standards; the design of science-based bureaucracies by specialists of rational decision-making; and the development and use of data-analytics and predictive techniques in policy.