

**Changing Channels: Constructing and comparing national identities in French and British mathematics, c. 1800-1840 / Des effets de Manche: sur la construction et la comparaison d'identités nationales dans les mathématiques françaises et britanniques, 1800-1840**

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**Professional mathematical circulations between France, England and the United States. Discussions on the national identities of carriage-makers through the place of descriptive geometry in coach design (1850-1900)**

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This paper examines the circulation of descriptive geometry - a mathematical theory formalizing projection techniques for the flat drawing of three-dimensional objects - in carriage woodworkers and makers' drawing practices at the end of the 19th century. The use of descriptive geometry in this professional milieu was first documented in France; the mathematical theory then circulated in England and the United States with a different fervor and intensity. English and American carriage makers were not unambiguous in their assessment of the relevance of the "French Rule", a discrepancy that I will attempt to explain by examining the use of stereotomic representation of volumes on both sides of the Channel, as well as American carriage makers representations of so-called "English mathematics" and "French mathematics".

**Orateur:** PREVERAUD, Thomas (Université d'Artois)