| Visualisation Data Sheet – basic information |
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**Title**: Knowledge transfer with respect to Leonhard Euler in the 1st half of the 18th century

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**Type of document**: interactive und multimodal information visualisation

**Format**: PDF including a flyer

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**Secondary sources:** Eneström, Gustav (1913) Die Schriften Eulers chronologisch nach den Jahren geordnet, in denen sie verfasst worden sind, Leipzig: B. G. Teubner; Hoffmann, Peter (2007) „Leonhard Euler and Russia". In: Bradley, Robert E., Sandifer, Charles Edward (Hg.) Leonhard Euler: Life, Work and Legacy, Amsterdam – Oxford: Elsevier, 61-73; Porter, Roy (Hg.) (2003) Eighteenth-century science, Cambridge: Cambridge University Press

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| Visualisation Data Sheet – additional information |
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**Research question:** How knowledge was transferred in Europe in the 18th century? Leonhard Euler's first stay in St. Petersburg in contrast to the publication history of his works.

**Research concept:** The visualisation focuses on the spatial relationship between Leonhard Euler's first stay in St. Petersburg (1727-1741) and the publication of his scholarly works. The general design of the map is strongly reductionist; it is a thematic map with interactive elements, a legend and attached documents on Leonhard Euler's life and publications; persistent shape and colour code that distinguishes between the form (source text/original, target text/translation, review) and the language of publication (Latin, German, French, English, Russian); geographical features are limited to the territory of Russia in 1727.

**Methodology:** Information is arranged on three levels: pictograms, pop-up elements with explanations, and hyperlinks to further sources. The pop-up elements get activated by moving the mouse over them, hyperlinks get activated with a mouse click. The PDF contains two attachments (in the title and in the information field), which are activated with a mouse click as well.

**Technical requirements:** Adobe Acrobat Pro 2022, Adobe Illustrator 2022, Adobe Photoshop 2022