

**Sunday 22 July 2018, 09:00-10:00**

**Room: Auditoria PA 113/PA 110**

*Theme 3: Original historical sources in teaching and learning of and about mathematics*

**Implementing history in the math class, from kindergarten to teacher training: words and artifacts**

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**Abstract**

For many years, the French IREM teams have been experimented with the use of original sources in the classroom. Generally, activities focused on texts written by more or less very famous authors from antiquity to modern times, on a variety of subjects linked to the middle and high school curricula. But what about primary school, where some pupils hardly can read? A new way of using texts appeared, highlighting the pictures of men at work, especially about surveying, measuring and [accounting](#). In this case the study is based on a material medium, namely a mathematical instrument like the geometrical square or the medieval counters. If you choose everyday life problems (for instance: tiling creation, setting of banquet tables), it is easier to insert the historical sources into contemporary realistic activities.

The lecture will explore several ways of implementing historical resources in the classroom, according to their use of written, graphic or concrete material.

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