



## **Odeuropa project by Dr. Raphaël Troncy**

In this talk, we will present our approach and our preliminary results in developing a data model for diverse, diachronically aware perspectives on olfactory concepts.

This will include the ability of describing scent experiences through multiple dimensions as well as the many vocabularies needed to cover those dimensions (location, time, odorant, holder or carrier, odor quality, perceiver, circumstances, etc.). Next, we will show how AI technologies and in particular, computer vision and natural language processing, can be used to analyze large volumes of digital documents (texts in multiple languages and images) to extract contextualized mentions of scent experiences. This results in the so-called European Olfactory Knowledge Graph (EOKG) that will be the backbone of the Encyclopedia of the past scents.