

**Title:**

Reinventing film archives: linked data, artificial intelligence and robots.

**Author:**

Bram Biesbrouck - film archive linked data specialist

**Institution:**

Cinémathèque Royale de Belgique & Republic of Reinvention

**E-Mail address**

[bram.biesbrouck@reinvention.be](mailto:bram.biesbrouck@reinvention.be)

**Preferred session**

3 - New ways of managing, storing and sharing metadata in film archives: Linked Data, RDF and concepts beyond the Relational Database paradigm

**Abstract**

I will present, demonstrate and discuss a roadmap and a futuristic vision on film archives in three chapters.

First of all, an example on how to take advantage of linked data on a small scale and in a disconnected manner. When you're small and simple, you need to abuse data in every way you can to become competitive and elevate your collection to the next level. I'll show you how.

On a second - more political - level, I'll explain how to build bridges using linked data by automatically interlinking collections and start cooperating on a global scale. We'll talk about collection interlinks, reasoning and who's the boss.

Lastly, a futuristic technology demo and some very good news: starting next year, robots will take over the boring parts of your job. Or: the present state of the art in automated, linked and intelligent film metadata extraction.

This session is for non-technophiles who want to know the benefits of linked data, how to exploit them and what the world will look like tomorrow.