



You are cordially invited to

## **UCLouvain Economics Seminar**

On **Thursday April 19, 2018**, from **12:45 to 14:00**  
**Doyen 22, Place des Doyens, 1**

**Bernard Sainclair-Desgagné**  
(HEC Montréal)

Will give a presentation on

### **Measuring Innovation and Innovativeness: A data mining approach**

#### **Abstract**

This paper proposes a new approach to measure innovation and innovativeness. The suggested metrics build on Formal Concept Analysis, a systematic and concrete way to represent and treat knowledge, which lies at the interface of lattice theory and computer science. Such a representation can use both objective and subjective/qualitative data. It is primarily output based, but can also incorporate input and process considerations. It can be adapted to the specific needs of a country, region, industry or firm, but it can also be used for inter-entity comparison or benchmarking. Most importantly, it can reveal innovation patterns and direct innovation efforts.

Information:

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