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**DEPARTEMENT D'INFORMATIQUE**
**DEPARTEMENT FÜR INFORMATIK**

# INFORMATICS COLLOQUIUM

**Speaker:**

**Prof. Apostolos Antonacopoulos, University of Salford, United Kingdom**

## Large-scale Recognition of Information-rich Documents: From Unreadable Data to Structured Information

**Abstract:**
A common problem for machine learning, AI and data science systems is the lack of high quality data on which they rely in order to be trained and operate. Even if data is available it is often in a form that cannot be read/operated upon. The talk presents and discusses the issues in the context of the solutions developed by the PRImA Lab at the University of Salford in a current project delivered for the UK's Office of National Statistics. The objective is to convert large-scale data from an information-rich but unreadable form (census printed volumes) into a highly structured information model that can be used in a variety of applications.

**Bio:**
Apostolos Antonacopoulos leads the Pattern Recognition and Image Analysis (PRImA) research Lab at the School of Science, Engineering & Environment at the University of Salford, UK where he currently holds the post of Professor of Pattern Recognition. He received his PhD from the University of Manchester, Institute of Science and Technology (UMIST), UK in 1995. From 1995 to 2004 he worked as Lecturer in the Department of Computer Science at the University of Liverpool where he founded the PRImA Lab. In 2005, he joined the University of Salford as Senior Lecturer and the PRImA Lab was established and strengthened at Salford. In the same year, he received the IAPR/ICDAR Young Investigator Award for "Outstanding service to the ICDAR community and his innovative research in historical document processing applications."

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| *Date and time:* | *Friday July 7th, 2023, 01:30 pm* |
| *Location:* | *Pérolles 21, room G130, Bd de Pérolles 90, Fribourg* |
| *Contact person:* | *Dr Anna Scius-Bertrand* |

*The colloquium is free and open to the public.*