



ARTIFICIAL INTELLIGENCE LECTURE SERIES III

# DATA MINING APPLICATIONS

16H00-17H30 ROOM B02.

OCTOBER 26 - DECEMBER 7

UNIVERSITY LUXEMBOURG, CAMPUS KIRCHBERG

AFTER THE SUCCESSFUL EVENTS ON ARTIFICIAL INTELLIGENCE (VOL. I, 2005) AND DATA STREAMS (VOL. II, 2007), THE THIRD VOLUME OF THE AI LECTURE SERIES CONCERNS DATA MINING, WHICH IS COMMONLY KNOWN AS A NON-TRIVIAL DISCOVERY PROCESS TO FIND HIDDEN, BUT USEFUL STRUCTURES IN MASSES OF DATA. IN THE LAST YEARS, THE IMPORTANCE OF DATA MINING HAS BEEN CONTINUOUSLY INCREASED AND IT IS CURRENTLY APPLIED IN MANY INDUSTRIAL AND SCIENTIFIC DISCIPLINES. IN THE RECENT PAST, NEW CHALLENGING INTERDISCIPLINARY FIELDS, WHICH CALL FOR A MORE ANALYTIC INTELLIGENCE TOWARDS A MORE REASONABLE AND COMPLETE UNDERSTANDING, HAVE ESTABLISHED. WITH RESPECT TO THIS, THE AI LECTURE SERIES IS A BRIDGE, AIMING AT PRESENTING BOTH FUNDAMENTAL ASPECTS AND RECENT ACHIEVEMENTS IN THE CORRESPONDING AREAS.

- OCTOBER 26, 2010**    PROF. DR. MARIE-FRANCINE MOENS, KU LEUVEN, BELGIUM:  
TEXT MINING AND E-FORENSICS
- NOVEMBER 2, 2010**    DR. KLAUS JULISCH, IBM ZURICH, SWITZERLAND:  
PAYMENT FRAUD, SECURITY METRICS  
AND SECURITY RISK
- NOVEMBER 9, 2010**    DR. MERJA HEINANIEMI, ANKE WIENECKE, UNIVERSITY LUXEMBOURG:  
DATA INTEGRATION AND MINING IN CONTEXT  
OF GENE REGULATION
- NOVEMBER 16, 2010**    PROF. DR. ALFREDO VALENCIA,  
SPANISH NATIONAL CANCER RESEARCH CENTRE, MADRID, SPAIN:  
BIOINFORMATICS CHALLENGES IN  
PERSONALISED CANCER TREATMENT
- NOVEMBER 23, 2010**    PROF. DR. GEOFFREY CARUSO, UNIVERSITY LUXEMBOURG:  
DATA MINING IN GEOGRAPHICAL  
CONTEXTS AND TEXTS
- NOVEMBER 30, 2010**    DR. IVAN LAPTEV, INRIA PARIS, FRANCE:  
IMAGE AND VIDEO DATA MINING
- DECEMBER 7, 2010**    DR. SABINE ERHARDT, FEDERAL OFFICE OF CRIMINAL  
INVESTIGATION (BKA), WIESBADEN, GERMANY:  
FORENSIC LINGUISTICS.

**16H00-17H30 ROOM B02.**

UNIVERSITY LUXEMBOURG, CAMPUS KIRCHBERG (FREE OF CHARGE.)  
DEPT. OF COMPUTER SCIENCE AND COMMUNICATION, 6, COUDENHOVE-KALERGI L-1359 LUXEMBOURG

