

Machine Learning applications in the Social Sciences and the Humanities

Coimbra Group - Working Group „Social Sciences & Humanities

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Thursday, 17 October 2019

14:00-16:30 Opening

**Elisabetta Jezek / Ilaria Poggiolini /
Silvia Figini / Flavio Ceravolo** (Pavia):
Annotating textual data for machine learning
(SS and HH, general)

**Frank Puppe / Christoph Wick /
Andreas Haug** (Würzburg):
Experiences from the Application of
Semiautomatic Workflow Systems Based
on Deep Learning Methods for Challenging
Optical Character and Music Recognition
(OCR, OMR) (HH, Musicology)

16:30-17:00 Coffee break

17:00-19:00 **Olfa Ben Ahmed / Christine Fernandez-
Maloigne** (Poitiers):
Deep learning for the Social Sciences: facial
expressions and emotions.
(SS, Psychology)

**Pekka Räsänen / Markus Kaakinen / Atte
Oksanen** (Turku/Helsinki/Tampere):
Individuals, identities, and social networks:
Using machine learning techniques to analyse
how users identify with their social media
networks.
(SS, Sociology)

19:30 Dinner

Friday, 18 October 2019

9:00-11:00 **Raúl Sánchez Prieto / Andrea Galván**
(Salamanca):
Using Support Vector Machines for the
analysis of language perception. A text act
based model.
(HH, Linguistics)

Gintautas Tamulevičius / Audrius Valotka
(Vilnius):
Machine learning for the Lithuanian language:
state-of-the-art and challenges.
(HH, Linguistics)

11:00-11:30 Coffee break

11:30-14:00 **Leonard Konle** (Würzburg):
Machine Learning in Computational Literary
Studies. An Overview of methods and
applications

Final discussion

The workshop takes place in the building of the Würzburg Graduate Schools.