



Text Analytics for Health: Applications and Implications

September 12-13, 2019

Venue: University of Zurich, **Karl Schmid-Strasse 4, 8006 Zürich, Room KO2-D-54**

Programme

Day 1 : Thursday 12, 2019 - Morning

09:30 – 09:50	<i>Arrival, coffee</i>	all
	Registration	Laura Luo
09:50 - 10:00	Welcome and Introduction	Corine Mouton-Dorey
10:00 – 13:00	Section 1	Moderator: Fabio Rinaldi
10:00 – 10:30	Brief self-presentations (name, field, interest)	
10:30 – 11:30	Keynote lecture: <i>Unlocking evidence from healthcare free-text data: challenges and opportunities</i>	Goran Nenadic (Manchester)
11:30 - 13:00	Short oral presentations	Participants with abstracts
	<i>SwissMade</i>	Nico Colic
	<i>Bio Text Mining: challenges and chances</i>	Lenz Furrer
	<i>Monitoring social media content for patient-related health research: approaches and challenges</i>	Tilia Ellendorf
	<i>Innovating digital analysis methods for patient-centered health research- development of a text processing pipeline using health diary data from the Swiss Multiple Sclerosis Registry (SMSR)</i>	Nina Steinemann
	<i>Mental and emotional representations of “weight loss”: findings from a survey using free-word association networks in bariatric surgery-related social media communities</i>	Daniel Gero & Balint File
	<i>A natural disaster and the geography of emotions as seen in geo-social media</i>	Oliver Gruebner
13:00 – 14:00	Standing Lunch	On site

Day 1 : Thursday 12, 2019 - Afternoon

14:00 – 16:30	Section 2	Moderator: Markus Wolf
14:00 - 15:00	Keynote lecture: <i>An Overview of Text Analytics - from Collocations to Word Embeddings</i>	Martin Volk (UZH)
15:00 –16:30	Short oral presentations	Participants with abstracts
	<i>Effects of cognitive aging on language use in real-world conversations: evidence from naturalistic observation studies</i>	Minxia Luo
	<i>Detection of memory-related activities and decline in older adults using real-life audio data</i>	Burcu Demiray
	<i>Capturing healthy aging through word use: The narrative-based online study on healthy aging (noga-study)</i>	Tabea Meier
	<i>Text analytics applications to patient narratives: a pilot project with DIPEX data</i>	Corine Mouton-Dorey
	<i>The ethics of patient empowerment in mental health apps</i>	Tania Manriquez
	<i>Chat counselling added to web-based self-help SnowControl to reduce cocaine use in cocaine misusers</i>	Raquel Paz Castro
16:30 - 17:00	Coffee Break	
17:00 - 18:30	Open Keynote Lecture	Moderator: M. Krauthammer
	<i>Natural Language Processing in Biomedical Research: The State of the Art and Beyond</i>	Lawrence Hunter (Denver)
	Lecture Hall / Hörsaal SOD-1-104	

This open lecture is open to all researchers interested in text analytics for health. It will take place in the building SOD “Deutsches Seminar”, Schönberggasse 9, 8001 Zürich. Free entrance. No need to register.

Day 2 : Friday 13, 2019

08:30 – 12:30	Section 3	Moderator Andrea Horn
08:30 - 09:30	Keynote lecture: <i>Information extraction from patient forums for pharmacovigilance</i>	Pierre Zweigenbaum (Paris)
09:30 - 10:30	Keynote lecture: <i>The psychology of language use</i>	Ryan Boyd (Lancaster)
10:30 - 11:00	Coffee break	
11:00 – 12:00	Interactive small group sessions	Group A in KO2-F-173 Group B in KOL-G-210 EV Group C in KO2-D-54
12:00 – 13:00	Lunch bags	
13:00 – 15:30	Section 4	Moderator: Oliver Gruebner
13:00 - 14:00	Keynote lecture: <i>NLP-driven QA Applications in Consumer Health and Cancer Care</i>	Michael Krauthammer (USZ)
14:00 –14:50	Panel discussion with invited speakers <i>What are we sharing? Challenges in text analytics for health? Future opportunities? Working groups? Follow-up projects?</i>	Moderator: Mike Martin
14:50 - 15:00	Conclusion	Fabio Rinaldi
15:00 - 15:30	Coffee Break	End

A private link to the [Workshop on-line book](#) (programme, abstracts, self-presentations) will be provided directly to all registered participants.

[Interfaculty organizing committee of DSI challenge area Health](#)

Oliver Gruebner, EBPI and Department of Geography, UZH

Andrea B. Horn, UFSP 'Dynamics of Healthy Aging', UZH

Minxia Luo, Department of Psychology, UZH

Corine Mouton-Dorey, Institute of Biomedical Ethics and History of Medicine, UZH

Fabio Rinaldi, Institute of Computational Linguistics, UZH

Markus Wolf, Department of Psychology, UZH