

Curriculum Vitae

Florian Kunneman

Personalialia

Name: Florian Akky Kunneman
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Positions

- 2019 – Present, Assistant Professor (VU University)
 - Developing a research line aimed at the improvement of design templates and software for developing conversational agents that can dynamically cope with sequence expansion and manage to engage the user over an extended period of time. Teaching courses in the VU AI curriculum: giving practicum Introduction to AI and lecturing for Multi-Agent Systems and Project Multi-Agent Systems.
- 2016 – 2019, Postdoctoral researcher (Radboud University, Tilburg University)
 - Several projects embedded in Natural Language Processing; monitoring public sentiment towards vaccination from social media (together with RIVM), automatically assessing the readability of Dutch texts (together with Cito), and automatically summarizing forum threads, product reviews and question-answers pairs (together with Sanoma). Daily supervisor of 1 PhD student on identifying networks around topics discussed on Social Media.
- 2011 – 2016, PhD Candidate (Radboud University)
 - Thesis: ‘Modelling patterns of time and emotion in Twitter #anticipointment’
 - Visiting researcher at the Centre for Computational Linguistics and Psycholinguistics, University of Antwerp, Spring 2015

Education

- 2011 – Master Language and Speech Technology (Radboud University)
- 2010 – Master Communicatie- en Informatiewetenschappen (University of Groningen)
- 2008 – Bachelor Taal- en Cultuurstudies (Utrecht University)

Research Areas

Conversational AI, Natural Language Processing, Social media analysis, Text Mining

List of publications (first author)

- Kunneman, F., van Mulken, M. & van den Bosch, A. (2020). [Anticipointment Detection in Event Tweets](#). *Journal of Artificial Intelligence Research*, 29(2)
- Kunneman, F., Lambooi, M., Wong, A., van den Bosch, A. & Mollema, L. (2020). [Monitoring stance towards vaccination in Twitter messages](#). *BMC Medical Informatics and Decision Making*, 20(33)
- Kunneman, F., Castro Ferreira, T., Krahmer, E. & van den Bosch, A. (2019). [Question Similarity in Community Question Answering: A Systematic Exploration of Preprocessing Methods and Models](#). In *Proceedings of the International Conference Recent Advances in Natural Language Processing* (pp. 593-601).
- Kunneman, F., Wubben, S., van den Bosch, A., & Krahmer, E. (2018). [Aspect-based summarization of pros and cons in unstructured product reviews](#). In *Proceedings of the 27th International Conference on Computational Linguistics* (pp. 2219-2229).
- Kunneman, F. & van den Bosch, A. (2016). [Open-domain extraction of future events from Twitter](#). *Natural Language Engineering*, 22(5), 655-686.
- Kunneman, F., Liebrecht, C., van Mulken, M. & van den Bosch, A. (2015). [Signaling sarcasm: From hyperbole to hashtag](#). *Information Processing & Management*, 51(4), 500-509

- Kunneman, F., & van den Bosch, A. (2015). [Automatically identifying periodic social events from Twitter](#). In: *Proceedings of the International Conference Recent Advances in Natural Language Processing* (pp. 320-328).
- Kunneman, F., Liebrecht, C. & van den Bosch, A. (2014). [The \(un\)predictability of emotional hashtags in Twitter](#). *Proceedings of the 5th Workshop on Language Analysis for Social Media (LASM)* (pp. 26-34).
- Kunneman, F., & van den Bosch, A. (2014). [Event detection in Twitter: A machine-learning approach based on term pivoting](#). In: Grootjen, F., Otworowska, M., Kwisthout, J. (ed.), *Proceedings of the 26th Benelux Conference on Artificial Intelligence* (pp. 65-72).
- Kunneman, F. and Hurriyetoglu, A., Oostdijk, N. & van den Bosch, A. (2014) [Timely identification of event start dates from Twitter](#). *Computational Linguistics in the Netherlands Journal*, 4, 39-52
- Kunneman, F., & van den Bosch, A. (2012). [Leveraging Unscheduled Event Prediction through Mining Scheduled Event Tweets](#). In: Roos, N., Winands, M., Uiterwijk, J. (ed.), *Proceedings of the 24th Benelux Conference on Artificial Intelligence* (pp. 147-154).

Teaching

- 2021 – present, Project Multi-Agent Systems (lectures, BA-level, Artificial Intelligence, VU University)
- 2019 – present, Multi-Agent Systems (lectures, BA-level, Artificial Intelligence, VU University)
- 2019 – present, Introduction to AI (seminars, BA-level, Artificial Intelligence, VU University)
- 2014 – present, MA thesis supervision (in Communication and Information Science / Artificial Intelligence / Computer Science, Radboud University / Tilburg University / VU University)
- 2016 – 2018, Academic Skills (seminars, BA-level, International Business Communication, Radboud University)
- 2017 – 2018, Nieuwe Media & Sociale Media (lectures, BA-level, Communicatie en Informatiewetenschappen, Radboud University)
- 2015 – 2016, Communicatie, Trends & Internet (lectures, MA-level, Communicatie en Informatiewetenschappen, Radboud University)
- 2014, Bedrijfscommunicatie onderzoek (seminars, BA-level, Communicatie en Informatiewetenschappen, Radboud University)
- 2013, Inleiding Bedrijfscommunicatie (seminars, BA-level, Communicatie en Informatiewetenschappen, Radboud University)

Affiliations

KNAW Faces of Science, 2013 – 2018
 EACL Student Board, 2016-2017

Program committees

PICA (Towards a new generation of Personalized Intelligent Conversational Agents, 2021, Workshop at the 29th ACM Conference on User Modeling, Adaptation and Personalization (UMAP), fellow organizer)
CLIN28 (2018, General Chair)
NLPIT (Natural Language Processing for Informal Text, 2015-2017, Workshop at different conferences, fellow organizer)
 EACL Student Research Workshop (2017, Publication Chair)
 BNAIC (2014, committee member)
 Benelearn (2013, committee member)

Awards

Best paper award, BNAIC-2016, Amsterdam, November 10 2016, With Rik van Noord and Prof. dr. A. van den Bosch.
Best paper award, BNAIC-2014, Nijmegen, November 7 2014. With Prof. dr. A. van den Bosch.

Demos

Lama Events, in collaboration with G.Ghanem, E. Basar, A. Hürriyetoglu and Prof. dr. A. van den Bosch, Overview of events that are anticipated on Twitter
<http://lamaevents.cls.ru.nl/>

You are what you tweet, in collaboration with W. Stoop, Indication of the type of person based on his or her Twitter messages

<http://www.youarewhatyoutweet.nl>

Prikbord, in collaboration with RIVM, dashboard for monitoring the stance towards vaccination in Twitter messages, <http://prikbord.science.ru.nl>

Grants

[Data-inspired creativity](#) - NWO sandpit – Flagship Creative Industry, with Joris Ebbers, Ju-Sung Lee, Guda van Noort, Sabrina Sauer, Tonny Krijnen, Jason Roos, Sanne Kruikemeier and Francesko Lelli, started September 1st 2019.

[Better Informing Citizens](#) – NWO Digital Society, Informed Citizen; with Antal van den Bosch, Emiel Kraemer and Ernst van den Hemel, started September 2020

[Smooth Operators](#) – NWO Artificial Intelligence Responsible Use; with Charlotte van Hooijdonk, Christine Liebrecht, Emiel van Miltenburg, Emiel Kraemer and Hedwig te Mulder, to start in April 2021

[Evidence in Actie](#) – ZonMW; With Teun Zuiderent, Aura Timen, Mart Stein and Elena Syurina, started in December 2020