



## Recent Developments in Creative Language Processing

Guest Editors:

**Prof. Dr. Michał Ptaszynski**

Text Information Processing Laboratory, Kitami Institute of Technology, 165 Koen-cho, Kitami 090-8507, Japan

**Dr. Rafał Rzepka**

Faculty of Information Science and Technology, Language Media Laboratory, Hokkaido University, Sapporo 060-0814, Japan

**Dr. Paweł Dybala**

Institute of Middle and Far Eastern Studies, Faculty of International and Political Studies, Jagiellonian University, 30-387 Krakow, Poland

Deadline for manuscript submissions:

**closed (20 December 2021)**

### Message from the Guest Editors

The SI will focus on topics deepening the knowledge on the creative use of language. Instead of taking up basic topics from the fields of CL and NLP such as the improvement of part-of-speech tagging, we will promote research focused on such creative topics as humor processing, deceptive language processing, or figurative language processing, for which the generally perceived state-of-the-art has not yet been established.

### Keywords

- Natural language processing
- Computational linguistics
- Creative language processing
- Figurative language processing
- NLP applications
- Natural language generation
- Emotional language processing
- Humor and joke processing
- Deceptive language detection
- Emoticon processing
- Automatic cyberbullying detection
- Fake news detection
- Abusive language online
- Story generation
- Poetry generation





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

Applied Sciences Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)