



# 11<sup>th</sup> International Conference on Multimedia & Network Information Systems

12-14 September 2018, Wrocław, Poland



## AMIS 2018

### Special Session on ACCESSING MULTILINGUAL INFORMATION AND OPINIONS

at the 11<sup>th</sup> International Conference on Multimedia & Network Information Systems (MISSI 2018)

Wrocław, Poland, September 12-14, 2018

Conference website: <http://www.missi.pwr.edu.pl/>

### Special Session Organizers

**Kamel Smaïli**

University of Lorraine

E-mail: [kamel.smaili@loria.fr](mailto:kamel.smaili@loria.fr)

**Mikołaj Leszczuk**

AGH University of Science and Technology

E-mail: [mikolaj@leszczuk.uk](mailto:mikolaj@leszczuk.uk)

**Begoña García-Zapirain**

University of Deusto

E-mail: [mbgarciazapi@deusto.es](mailto:mbgarciazapi@deusto.es)

**Juan Manuel Torres Moreno**

University of Avignon

E-mail: [juan-manuel.torres@univ-avignon.fr](mailto:juan-manuel.torres@univ-avignon.fr)

### Objectives and Topics

Having a machine understand language like a human being is a long-held goal of Artificial Intelligence. However, even though the domain of natural language processing has made steady progress over the last decades and some applications are out on the market, the machine is still far from reaching human performance.

With the growth of the information in different media such as TV programs or the Internet, a new issue arises. How a user can access to the information which is expressed in a foreign language?

The idea of the session is to present multilingual help systems of understanding without any human being intervention. What the systems are expected to do, is to help people understanding broadcasting news, presented in a foreign language and to compare it to the corresponding one available in the mother tongue of the user. The concept of understanding should be approached by giving access to any information whatever the language in which it is presented. In fact, with the development of the Internet and satellite TV, tens of thousands shows and broadcasting news are available in different languages, it turns out that even high educated people, do not speak more than two or three languages, while the majority speaks only one, which makes this huge amount of information inaccessible. Consequently, the majority of TV and radio programs as well as information on the Internet are inaccessible for the majority of people. And yet, one would like to listen to news in his/her own language and compare it to what has been said on the same topic in another language. Accessing to the information in a foreign language is not necessary done by machine translation, but would be done by accessing to the main ideas of the information by summarizing the media support: video, audio, text....

The objective of this special issue is to bring to the conference propositions concerning the mentioned topics and more generally research concerning Human Language Understanding.

The scope of the AMIS 2018 includes, but is not limited to the following topics:

- Human language understanding
- Multilingual information systems
- Signal processing
- Human-computer interfaces
- Metadata extraction
- Video summarization

- Sentiment analysis
- Machine Translation
- Speech recognition
- Overlaid text extraction
- Multilingual opinion mining
- Multilingual comparability of corpora

## Important dates

Submission of papers: **6 May 2018 (Final / Firm / STRICT!)**

Notification of acceptance: **24 May 2018**

Camera-ready papers: **31 May 2018**

Registration & payment: **31 May 2018**

Conference date: **12-14 September 2018**

## Special Session Program Committee (to be invited)

Remigiusz Baran, Kielce University of Technology, Poland  
 Jan Derkacz, AGH University of Science and Technology, Poland  
 Andrzej Dziech, AGH University of Science and Technology, Poland  
 Dominique Fohr, University of Lorraine, France  
 Begoña García-Zapirain, University of Deusto, Spain  
 Michał Grega, AGH University of Science and Technology, Poland  
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 Wiesław Lubaszewski, Jagiellonian University, Poland  
 Libor Michalek, Technical University of Ostrava, Czech Republic  
 Filip Rudziński, Kielce University of Technology, Poland  
 Odile Mella, University of Lorraine, France  
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 Kamel Smaili, University of Lorraine, France  
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 Salvatore-Antoine Tabbone, University of Lorraine, France  
 Juan Manuel Torres Moreno, University of Avignon, France  
 Jonathan Weber, University of Lorraine, France  
 Jaroslav Zdralek, Technical University of Ostrava, Czech Republic  
 Amaia Mendez Zorrilla, University of Deusto, Spain

## Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **AMIS 2018: SPECIAL SESSION ON ACCESSING MULTILINGUAL INFORMATION AND OPINIONS**.

<https://easychair.org/conferences/?conf=missi2018>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the AMIS 2018 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, dblp, Google Scholar, Scopus, etc.).