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Special Issue "Selected Papers from PROPOR 2020"

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A special issue of *Information* (ISSN 2078-2489). This special issue belongs to the section "Information Applications".

Deadline for manuscript submissions: **closed (15 August 2020)**.

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Guest Editor

Algorithm Research Center, Informatics Department, University of Évora, 7002–554 Évora, Portugal

Interests: artificial intelligence; natural language processing

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School of Technology, PUCRS, Porto Alegre, Brazil

Interests: Artificial Intelligence; Natural Language Processing; Agents; Computational Linguistics; Cognitive Science

Prof. Sandra Maria Aluisio [E-Mail](#) [Website](#) [SciProfiles](#)

Guest Editor

Institute of Mathematical and Computer Sciences (IMC) (São Carlos), São Paulo, Brazil

Interests: Natural Language Processing and Artificial Intelligence in Education; Corpus Linguistics; PoS tagging; Automatic Adaptation of Portuguese Texts; Semantic Role Labeling and Semantic Resources; Automatic Detection of Discourse Structure; Scientific Writing Tools; Automatic Term Extraction; Computer Adaptive Tests

Dr. Helena Gorete Silva Moniz [E-Mail](#) [Website](#)

Guest Editor

Spoken Language Systems Lab, INESC-ID Lisboa, LISBOA, Portugal

Interests: Prosody; Educational Linguistics; Speech Processing; Machine Translation

Special Issue Information

Dear Colleagues,

The **International Conference on Computational Processing of Portuguese (PROPOR)** is the main event in the area of human language processing that is focused on theoretical and technological issues of written and spoken **Portuguese**. The meeting has been a very rich forum for the exchange of ideas and partnerships for the research communities dedicated to the automated processing of Portuguese, promoting the development of methodologies, resources, and projects that can be shared among researchers and practitioners in the field.

We call for papers describing work on any topic related to computational language and speech processing of Portuguese by researchers in the industry or academia. Topics of interest include but are not limited to:

- Human speech production, perception, and communication;
- Linguistic description and theories;
- Natural language processing tasks (e.g., parsing, word sense disambiguation, coreference resolution);
- Natural language processing applications (e.g., question answering, subtitling, summarization, sentiment analysis);
- Speech technologies (e.g., spoken language generation, speech and speaker recognition, spoken language understanding);
- Speech applications (e.g., spoken language interfaces, dialogue systems, speech-to-speech translation);
- Resources, standardization and evaluation (e.g., corpora, ontologies, lexicons, grammars);
- Language and speech processing in academic disciplines;
- Portuguese language variants and dialect processing (including the language varieties of Portugal, Brazil, Cape Verde, Guinea-Bissau, Mozambique, Angola, São Tomé, Macau or Galiza);
- Multilingual studies, methods, applications, and resources, including Portuguese.

PROPOR 2020 will be the 14th edition of the biennial PROPOR conference, hosted alternately in Brazil and in Portugal. Past meetings were held in Lisbon, PT (1993); Curitiba, BR (1996); Porto Alegre, BR (1998); Évora, PT (1999); Atibaia, BR (2000); Faro, PT (2003); Italiaia, BR (2006); Aveiro, PT (2008); Porto Alegre, BR (2010); Coimbra, PT (2012); São Carlos, BR (2014); Tomar, PT (2016), and Canela, BR (2018). More detailed information: <https://propor.di.uevora.pt/>.

The authors of a number of selected full papers of high quality will be invited after the conference to submit revised and extended versions of their originally-accepted conference papers to this Special Issue of *Information*, published by MDPI, in open access. The selection of these best papers will be based on their ratings in the conference review process, quality of presentation during the conference, and expected impact on the research community. Each submission to this Special Issue should contain at least 50% of new material, e.g., in the form of technical extensions, more in-depth evaluations, or additional use cases and a change of title, abstract, and keywords. These extended submissions will undergo a peer-review process according to the journal's rules of action. At least two technical committees will act as reviewers for each extended article submitted to this Special Issue; if needed, additional external reviewers will be invited to guarantee a high-quality reviewing process.

Dr. Paulo Quaresma

Prof. Renata Vieira

Prof. Sandra Maria Aluisio

Dr. Helena Gorete Silva Moniz

Guest Editors

Manuscript Submission Information

Manuscripts should be submitted online at www.mdpi.com by [registering](#) and [logging in to this website](#). Once you are registered, [click here to go to the submission form](#). Manuscripts can be submitted until the deadline. All submissions that pass pre-check are peer-reviewed. Accepted papers will be published continuously in the journal (as soon as accepted) and will be listed together on the special issue website. Research articles, review articles as well as short communications are invited. For planned papers, a title and short abstract (about 100 words) can be sent to the Editorial Office for announcement on this website. Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers). All manuscripts are thoroughly refereed through a single-blind peer-review process. A guide for authors and other relevant information for submission of manuscripts is available on the [Instructions for Authors](#) page. *Information* is an international peer-reviewed open access monthly journal published by MDPI.

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Information 2020, 11(10), 491; <https://doi.org/10.3390/info11100491> - 21 Oct 2020

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by [José Santos](#), [Luís Duarte](#), [João Ferreira](#), [Ana Alves](#) and [Hugo Gonçalo Oliveira](#)

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