

## **IX Brazilian Symposium in Information and Human Language Technology (STIL 2013)**

October 21-23, 2013  
Fortaleza/Ceará, Brazil

### **Preface**

STIL is the bi-annual Language Technology event supported by the Brazilian Computer Society (SBC) and by the Brazilian Special Interest Group on Natural Language Processing. In 2013 it took place at Fortaleza, Ceará, Brazil. The conference has a multidisciplinary nature and covers a broad spectrum of disciplines related to Human Language Technology, such as Linguistics, Computer Science, Psychology, and Information Science, among others. It aims at bringing together both academic and industry participants that work on those areas.

The topics of interest centered around work in human language technology in general from perspectives as diverse as Computer Science, Linguistics and Information Science, such as text mining, written and spoken language processing, terminology, lexicology and lexicography and natural language generation. We received 65 submissions from Brazil, Great Britain, Peru, Germany, United States, and Portugal. Each paper was reviewed by at least three members of the Program Committee which had 64 members from 7 countries and 34 institutions. After a rigorous reviewing process, 15 papers were selected for oral presentation (acceptance rate of 23%), and 17 papers were selected for poster presentation, including some long papers reallocated as short papers.

Besides the technical sessions with paper and poster presentations, STIL 2013 included two invited talks and two tutorials in its program. The invited speakers were Dr. Maite Taboada (Simon Fraser University, CA) and Dr. Diana Maynard (University of Sheffield, UK). The tutorials were also delivered by Dr. Taboada and Dr. Maynard.

**General Conference Chairs**

Prof. Vasco Furtado (UNIFOR)  
Profa. Vladia Pinheiro (UNIFOR)

**Program Chairs**

Sandra Maria Aluísio (ICMC/USP)  
Valéria Delisandra Feltrim (UEM)

**Program Committee**

Adriano Zanette (UFRGS, Brazil)  
Aldebaro Klautau (UFPA, Brazil)  
Aline Villavicencio (UFRGS, Brazil)  
Andre Gustavo Adami (University of Caxias do Sul, Brazil)  
António Branco (University of Lisbon, Portugal)  
Carlos Augusto Prolo (UFRN, Brazil)  
Carlos Ramisch (Joseph Fourier University, Grenoble, France)  
Carolina Evaristo (University of Sheffield)  
Caroline Hagege (Xerox Research Centre Europe, France)  
Cassia Trojahn (IRIT-UTM, France)  
Cícero Nogueira dos Santos (IBM Research, Brazil)  
Clarissa Castella Xavier (PUC/RS, Brazil)  
Daniel Nehme Muller (UFRGS, Brazil)  
Ethel Schuster (Northern Essex Community College, USA)  
Fábio Kepler (Universidade Federal do Pampa, Brazil)  
Helena Caseli (UFSCar, Brazil)  
Heliana Mello (UFMG, Brazil)  
Ivandrê Paraboni (EACH/USP, Brazil)  
Jorge Baptista (University of Algarve, Portugal)  
Laura Alonso i Alemany (FaMAF – UNC, Argentina)  
Lianet Sepúlveda Torres (ICMC/USP, Brazil)  
Lucelene Lopes (PUC/RS, Brazil)  
Lucia Rino (UFSCar, Brazil)  
Magali Sanches Duran (ICMC/USP, Brazil)  
Marcelo Finger (IME/USP, Brazil)  
Maria das Gracas Volpe Nunes (ICMC/USP, Brazil)  
Marlo Souza (UFRGS, Brazil)  
Nelson Neto (UFPA, Brazil)  
Palmira Marrafa (University of Lisbon, Portugal)  
Paloma Moreda (University of Alicante, Spain)  
Renata Vieira (PUC/RS, Brazil)  
Rodrigo Wilkens (UFRGS, Brazil)  
Ronaldo Martins (Univas, Brazil)  
Rove Chishman (UNISINOS, Brazil)  
Sara Candeias (University of Coimbra, Portugal)  
Sérgio Antônio Andrade de Freitas (UnB, Brazil)  
Stella Tagnin (FFLCH/USP, Brazil)  
Ted Pedersen (University of Minnesota, USA)  
Thiago A. S. Pardo (ICMC/USP, Brazil)  
Vera Lucia Strube de Lima (PUC/RS, Brazil)  
Vlória Pinheiro (UNIFOR, Brazil)

Wilker Aziz (University of Wolverhampton, UK)

**Additional Reviewers**

Arnaldo Candido Junior (ICMC/USP, Brazil)  
Bento Dias da Silva (UNESP, Brazil)  
Carmen Dayrell (COMET/USP, Brazil)  
Christopher Shulby (ICMC/USP, Brazil)  
Daniel Lucrédio (UFSCar, Brazil)  
Erick Maziero (ICMC/USP, Brazil)  
Heloisa Camargo (UFSCar, Brazil)  
Leandro Mendonça de Oliveira (EMBRAPA, Brazil)  
Lucia Specia (University of Sheffield, UK)  
Maria Jorge (USP, Brazil)  
Marilde Santos (UFSCar, Brazil)  
Márcio Dias (UFG, Brazil)  
Norton Roman (EACH/USP, Brazil)  
Osvaldo de Oliveira Jr. (IFSC/USP, Brazil)  
Paula Cardoso (ICMC/USP, Brazil)  
Paulo Schreiner (UFRGS, Brazil)  
Pedro Balage Filho (ICMC/USP, Brazil)  
Renata Fortes (ICMC/USP, Brazil)  
Roger Granada (PUC/RS, Brazil)  
Roseli Francelin Romero (ICMC/USP, Brazil)  
Sandra Maria Aluísio (ICMC/USP, Brazil)  
Valéria Delisandra Feltrim (UEM, Brazil)

**Brazilian Special Interest Group on Natural Language Processing**

Thiago A. S. Pardo, Universidade de São Paulo, USP/São Carlos  
Aline Villavicencio, Universidade Federal do Rio Grande do Sul - UFRGS  
Helena M. Caseli, Universidade Federal de São Carlos – UFSCar  
Sandra Maria Aluísio, Universidade de São Paulo, USP/São Carlos  
Ariani Di Felippo, Universidade Federal de São Carlos – UFSCar