

SIGDIAL 2018: Accepted Submissions

A Context-aware Convolutional Natural Language Generation model for Dialogue Systems

Sourab Mangrulkar, Suhani Shrivastava, Veena Thenkanidiyoor and Dileep Aroor Dinesh

A Situated Dialogue System for Learning Structural Concepts in Blocks World

Ian Perera, James Allen, Choh Man Teng and Lucian Galescu

A Unified Neural Architecture for Joint Dialog Act Segmentation and Recognition in Spoken Dialog System

Tianyu Zhao and Tatsuya Kawahara

Addressing Objects and Their Relations: The Conversational Entity Dialogue Model

Stefan Ultes, Paweł Budzianowski, Iñigo Casanueva, Lina M. Rojas Barahona, Bo-Hsiang Tseng, Yenchen Wu, Steve Young and Milica Gasic

Adversarial Learning of Task-Oriented Neural Dialog Models

Bing Liu and Ian Lane

An Analysis of the Effect of Emotional Speech Synthesis on Non-Task-Oriented Dialogue System

Yuya Chiba, Takashi Nose, Taketo Kase, Mai Yamanaka and Akinori Ito

An Empirical Study of Self-Disclosure in Spoken Dialogue Systems

Abhilasha Ravichander and Alan W Black

Automatic Extraction of Causal Relations from Text using Linguistically Informed Deep Neural Networks

Tirthankar Dasgupta, Rupsa Saha, Lipika Dey and Abir Naskar

Automatic Token and Turn Level Language Identification for Code-Switched Text Dialog: An Analysis Across Language Pairs and Corpora

Vikram Ramanarayanan, Robert Pugh and David Suendermann-Oeft

Changing the Level of Directness in Dialogue using Dialogue Vector Models and Recurrent Neural Networks

Louisa Pragst and Stefan Ultes

Cogent: A Generic Dialogue System Shell Based on a Collaborative Problem Solving Model

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Coherence Modeling Improves Implicit Discourse Relation Recognition

Noriki Nishida and Hideki Nakayama

Concept Transfer Learning for Adaptive Language Understanding

Su Zhu and Kai Yu

CoNLL-Merge: An Efficient Tool for the Harmonization of Concurrent Tokenization and Textual Variation in Multi-Layer Corpora

Christian Chiarcos and Niko Schenk

Consequences and Factors of Stylistic Differences in Human-Robot Dialogue

Stephanie Lukin, Kimberly Pollard, Claire Bonial, Matthew Marge, Cassidy Henry, Ron Artstein, David Traum and Clare Voss

Constructing a Lexicon of English Discourse Connectives

Debopam Das, Tatjana Scheffler, Peter Bourgonje and Manfred Stede

Controlling Personality-Based Stylistic Variation with Neural Natural Language Generators

Shereen Oraby, Lena Reed, Shubhangi Tandon, Sharath T.S., Stephanie Lukin and Marilyn Walker

Conversational Image Editing: Incremental Intent Identification in a New Dialogue Task

Ramesh Manuvinakurike, Trung Bui, Walter Chang and Kallirroi Georgila

Cost-Sensitive Active Learning for Dialogue State Tracking

Kaige Xie, Cheng Chang, Liliang Ren, Lu Chen and Kai Yu

DialCrowd: A toolkit for easy dialog system assessment

Kyusong Lee, Tiancheng Zhao, Alan W Black and Maxine Eskenazi

Discourse Coherence in the Wild: A Dataset, Evaluation and Methods

Alice Lai and Joel Tetreault

Discovering User Groups for Natural Language Generation

Nikos Engonopoulos, Christoph Teichmann and Alexander Koller

Does Ability Affect Alignment in Second Language Tutorial Dialogue?

Arabella Sinclair, Adam Lopez, C. G. Lucas and Dragan Gasevic

Estimating User Interest from Open-Domain Dialogue

Michimasa Inaba and Kenichi Takahashi

Feudal Dialogue Management with Jointly Learned Feature Extractors

Iñigo Casanueva, Paweł Budzianowski, Stefan Ultes, Florian Kreyszig, Bo-Hsiang Tseng, Yen-chen Wu and Milica Gasic

Fine-Grained Discourse Structures in Continuation Semantics

Timothée Bernard

Identifying Domain Independent Update Intents in Task Based Dialogs

Prakhar Biyani, Cem Akkaya and Kostas Tsioutsoulis

Identifying Explicit Discourse Connectives in German

Peter Bourgonje and Manfred Stede

Improving User Impression in Spoken Dialog System with Gradual Speech Form Control

Yukiko Kageyama, Yuya Chiba, Takashi Nose and Akinori Ito

Interactive Human Avatar Dialogue System

Dana Abu Ali, Muaz Ahmad, Hayat Al Hassan, Paula Dozsa, Ming Hu, Jose Varias and Nizar Habash

Introduction method for argumentative dialogue using paired question-answering interchange about personality

Kazuki Sakai, Ryuichiro Higashinaka, Yuichiro Yoshikawa, Hiroshi Ishiguro and Junji Tomita

Just Talking - Modelling Casual Conversation

Emer Gilmartin, Christian Saam, Carl Vogel, Nick Campbell and Vincent Wade

Language-guided Adaptive Perception for Efficient Grounded Communication with Robotic Manipulators in Cluttered Environments

Siddharth Patki and Thomas Howard

Leveraging Multimodal Dialog Technology for the Design of Automated and Interactive Student Agents for Teacher Training

David Pautler, Vikram Ramanarayanan, Kirby Cofino, Patrick Lange and David Suendermann-Oeft

Maximizing SLU Performance with Minimal Training Data Using Hybrid RNN Plus Rule-based Approach

Takeshi Homma, Adriano S. Arantes, Maria Teresa Gonzalez Diaz and Masahito Togami

Modeling Linguistic and Personality Adaptation for Natural Language Generation

Zhichao Hu, Jean Fox Tree and Marilyn Walker

Multi-task Learning for Joint Language Understanding and Dialogue State Tracking

Abhinav Rastogi, Raghav Gupta and Dilek Hakkani-Tur

Multimodal Hierarchical Reinforcement Learning Policy for Task-Oriented Visual Dialog

Jiaping Zhang, Zhou Yu and Tiancheng Zhao

Neural Dialogue Context Online End-of-Turn Detection

Ryo Masumura, Tomohiro Tanaka, Atsushi Ando, Ryo Ishii, Ryuichiro Higashinaka and Yushi Aono

Neural User Simulation for Corpus-based Policy Optimisation of Spoken Dialogue Systems

Florian Kreyszig, Iñigo Casanueva, Paweł Budzianowski and Milica Gasic

Pardon the Interruption: Managing Turn-Taking through Overlap Resolution in Embodied Artificial Agents

Felix Gervits and Matthias Scheutz

Predicting Perceived Age: Both Language Ability and Appearance are Important

Sarah Plane, Ariel Marvasti, Tyler Egan and Casey Kennington

Role-play based question-answering by real users for building chatbots with consistent personalities

Ryuichiro Higashinaka, Masahiro Mizukami, Hidetoshi Kawabata, Emi Yamaguchi, Noritake Adachi and Junji Tomita

Spoken Dialogue for Information Navigation

Alexandros Papangelis, Panagiotis Papadakos, Yannis Stylianou and Yannis Tzitzikas

Toward zero-shot Entity Recognition in Task-oriented Conversational Agents

Marco Guerini, Simone Magnolini, Vevake Balaraman and Bernardo Magnini

Turn-Taking Strategies for Human-Robot Dialogue Interaction

Ranjini Das and Heather Pon-Barry

Unsupervised Counselor Dialogue Clustering for Positive Emotion Elicitation in Neural Dialogue System

Nurul Lubis, Sakriani Sakti, Koichiro Yoshino and Satoshi Nakamura

Variational Cross-domain Natural Language Generation for Spoken Dialogue Systems

Bo-Hsiang Tseng, Florian Kreyszig, Paweł Budzianowski, Iñigo Casanueva, Yen-chen Wu, Stefan Ultes and Milica Gasic

Weighting Model Based on Group Dynamics to Measure Convergence in Multi-party Dialogue

Zahra Rahimi and Diane Litman

Zero-Shot Dialog Generation with Cross-Domain Latent Actions

Tiancheng Zhao and Maxine Eskenazi