# Lecture Notes in Electrical Engineering

## Volume 714

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Erik Marchi · Sabato Marco Siniscalchi ·
Sandro Cumani · Valerio Mario Salerno ·
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# Increasing Naturalness and Flexibility in Spoken Dialogue Interaction

## 10th International Workshop on Spoken Dialogue Systems

Springer

*Editors*
Erik Marchi
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Sandro Cumani
Polytechnic University of Turin
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Haizhou Li
National University of Singapore
Singapore, Singapore

Sabato Marco Siniscalchi
Kore University of Enna
Enna, Italy

Valerio Mario Salerno
Kore University of Enna
Enna, Italy

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# Preface

This book contains a selection of revised papers that were presented at the 10th edition of the International Workshop on Spoken Dialogue Systems (IWSDS) that took place in the beautiful town of Syracuse in Sicily (Italy), from 24 to 26 April 2019. IWSDS is usually held every year and provides a platform to present and discuss global research and application of spoken dialogue systems.

This 10th edition of IWSDS named "Increasing Naturalness and Flexibility in Spoken Dialogue Interaction" focused specifically on the following topics:

- Context Understanding and Dialogue Management
- Human–Robot Interaction
- Dialogue Evaluation and Analysis
- Chatbots and Conversational Agents
- Lifelong Learning
- Question Answering and other Dialogue Applications
- Dialogue Breakdown Detection


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|---|---|
| Cupertino, USA | Erik Marchi |
| Enna, Italy | Sabato Marco Siniscalchi |
| Torino, Italy | Sandro Cumani |
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| Singapore, Singapore | Haizhou Li |

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