



Springer

1st  
edition1st ed. 2016, XXII, 422 p.  
76 illus., 29 illus. in color.**Printed book**

Hardcover

**Printed book**

Hardcover

ISBN 978-3-319-32965-9

\$ 199,99

Available

**Discount group**

Professional Books (2)

**Product category**

Professional book

**Other renditions**

Softcover

ISBN 978-3-319-81411-7

Engineering : Signal, Image and Speech Processing

McTear, M., Callejas, Z., Griol, D.

# The Conversational Interface

Talking to Smart Devices

- Presents a comprehensive overview of the various technologies that underlie conversational user interfaces
- Combines descriptions of the technologies with a guide to various toolkits and software that enable readers to implement and test their own solutions
- Provides a series of worked examples so readers can develop and implement different aspects of the technologies

This book provides a comprehensive introduction to the conversational interface, which is becoming the main mode of interaction with virtual personal assistants, smart devices, various types of wearable, and social robots. The book consists of four parts. Part I presents the background to conversational interfaces, examining past and present work on spoken language interaction with computers. Part II covers the various technologies that are required to build a conversational interface along with practical chapters and exercises using open source tools. Part III looks at interactions with smart devices, wearables, and robots, and discusses the role of emotion and personality in the conversational interface. Part IV examines methods for evaluating conversational interfaces and discusses future directions.

**Order online at [springer.com/booksellers](http://springer.com/booksellers)****Springer Nature Customer Service Center LLC**

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

[customerservice@springernature.com](mailto:customerservice@springernature.com)

ISBN 978-3-319-32965-9 / BIC: TTBM / SPRINGER NATURE: SCT24051

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**