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Titolo	The handbook of communication science and biology // edited by Kory Floyd, Rene Weber
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ISBN	1-351-23556-7 1-351-23558-3 1-351-23557-5
Descrizione fisica	1 online resource (xxxv, 487 pages) : illustrations
Collana	ICA handbook series
Disciplina	612.8
Soggetti	Human information processing - Physiological aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Building communication science through the blue prints of DC Dennett & Robert Pirsig / Joseph N. Cappella -- Natural selection and the nature of communication / John Tooby & Leda Cosmides -- Costly signaling in human communication / Scott A. Reid, Jinguang Zhang, Grace L. Anderson, & Lauren Keblusek -- Evolution, structure, and functions of human laughter / Gregory A. Bryant -- Behavior genetics and twin studies : principles, methods, and analytical techniques for innovative communication research / Chance York -- Evolutionary reasoning in communication scholarship : generating and testing sound hypotheses / Michael Brill & Frank Schwab -- Mediated messages and synchronized brains / Ralf Schmalzle & Clare Grall -- The neuroscience of persuasion and information propagation : key role of the mentalizing system / Elisa C. Baek, Christin Scholz, & Emily B. Falk -- Social media in neuroscience research / Dar Meshi & Ceylan Ozdem-Mertens -- A cognitive neuroscience perspective on political knowledge, misinformation, and memory for "facts" / Jason C. Coronel & Erik P. Bucy -- Advancing the synchronization theory of flow experiences / Rene Weber & Jacob T. Fisher -- Attention, working memory, and media multitasking / Jacob T. Fisher & Justin Robert Keene -- Video gaming : a challenge for the brain's reward system? / Rebecca Gilbertson & Douglas A. Gentile -- Biological perspectives of media violence and aggression / Martin Klasen & Klaus Mathiak -- Virtual reality for

communication neuroscience / Bradly Alicea -- Is there a cultural brain? Analyzing individual differences in processing media messages / Benjamin O. Turner -- Neuromarketing : how to choose the right measures / Steven Bellman & Duane Varan -- Investigating communication using peripheral nervous system measurement / Robert F. Potter & Paul D. Bolls -- The state-of-the-art and the future of brain imaging methodology in communication research / Frederic R. Hopp & Rene Weber -- Emotion and emotional communication / Colin Hesse & Alan C. Mikkelson -- The biology of affectionate communication / Kory Floyd, Nathan T. Woo, & Benjamin E. Custer -- Social support and physiology : current trends and future directions / Alice E. Veksler, Justin P. Boren, & Jennifer Priem -- Developmental psychophysiology and the human stress response during communication / Chris R. Sawyer -- Physiological arousal while ruminating about conflict with a quantum application to relational observation / James M. Honeycutt & Ryan D. Rasner -- Communication, stress, and thriving in close relationships / Tamara D. Afifi, Kathryn Harrison, & Nicole Zamanzadeh -- Sexual communication and biology / Amanda Denes, Margaret Bennett, & Maria DelGreco -- The state-of-the-art and the future of "wet psychophysiology" in communication research / Kory Floyd & Colin Hesse -- How the LC4MP became the DHCCST : an epistemological fairy tale / Annie Lang -- The life of a model : commentary on "How the LC4MP became the DHCCST" / Jacob T. Fisher, Richard Huskey, Justin Robert Keene, & Rene Weber -- Bodies and minds in sync : forms and functions of interpersonal synchrony in human interaction / Gary Bente & Eric Novotny -- Physically, biologically, and socially constructed notions of sex and gender in communication science / Chelsea A. Lonergan & Nicholas A. Palomares -- Communication and quantum cognition / Lorraine Borghetti, Zheng Wang, & Jerome Busemeyer -- Advancing the model of intuitive morality and exemplars / Ron Tamborini & Rene Weber.

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### Sommario/riassunto

"The Handbook of Communication Science and Biology charts the state of the art in the field, describing relevant areas of communication studies where a biological approach has been successfully applied. The book synthesizes theoretical and empirical development in this area thus far and proposes a roadmap for future research. As the biological approach to understanding communication has grown, one challenge has been the separate evolution of research focused on media use and effects and research focused on interpersonal and organizational communication, often with little intellectual conversation between the two areas. The Handbook of Communication Science and Biology is the only book to bridge the gap between media studies and human communication, spurring new work in both areas of focus. With contributions from the field's foremost scholars around the globe, this unique book serves as a seminal resource for the training of the current and next generations of communication scientists, and will be of particular interest to media and psychology scholars as well"--

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