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Nota di contenuto	Frontmatter -- Contents -- Foreword / Schade, Sigrid -- Introduction / Hediger, Irène / Scott, Jill -- Exploring the Unknown / Hediger, Irène -- Composing -- you are variations: An On-Going Series of Events / Giustina, Christina Della -- An Unusual and Extravagant Interpretation of Our Data -- Art-Science and (Re)Making Worlds: Shaping Knowledge, Transforming Subjects, Challenging Institutions / Hawkins, Harriet -- Embodying -- Processing Brainwaves into Pixels and Haptic Feedback: This Is Not A Quilt / Bojanowski, Marie-France -- Other Ways to Approach Problems and Their Solutions -- Creative Incubators for a Common Culture / Scott, Jill -- Explaining the Edge -- Thoughts on Self-Representation in Art / Ottiger, Nicole -- A Looping System Forth - Which Art Making and Research Always Will Be! -- Art and Anthropology / Schneider, Arnd -- Neglecting -- Adaption / Gindre, Jérémie -- Conceptual Art and Its Links to What We Do -- Overlapping Waves and New Knowledge Difference, Diffraction, and the Dialog between Art and Science / Witzgall, Susanne -- Dreaming -- A Poet Goes to Work at a Sleep Laboratory: A Journal in Five Parts / Huber, Sandra -- Jumping Past the Barriers of Language -- Inventive Experimentation: Weird Science, Affectivity and Archives of the Future / Blackman, Lisa -- Rhythm Making -- Heart Culture / Schmidt, Steffen -- Our Everyday World Received an Additional, Literally Unheard Dimension of Sound -- Biomediality and Art / Hauser, Jens -- Hovering -- Telemonies - Walking Through the Eigenplot / Wolf, Oliver "Olsen"

-- The Bigger the Apparent "Distance" between the Disciplines, the Greater the Surprises -- Aesthetic Difference: On the "Wisdom" of the Arts / Mersch, Dieter -- Modeling -- Recomposing Snow / Weber, Yvonne -- Approaching Snow from an Aesthetic and a Pragmatic Perspective

Sommario/riassunto

Die Schnittstellen von Kunst und den Wissenschaftsdisziplinen Biologie, Umweltwissenschaften, Neurowissenschaften und Physik erzeugen transdisziplinäre Fragen, die Forscher inspirieren. Die Autoren vergleichen künstlerische Versuchsanordnungen und legen so neue Wissensebenen frei. Die Fallbeispiele des Artists-in-Labs Programmes illustrieren, wie Künstler Probleme anpacken und auf diese Weise für die Wissenschaft neue Werkzeuge kreieren. Die Autoren dieses illustrierten Essay-Bandes sind: Harriet Hawkins, Irene Hediger, Jill Scott, Arnd Schneider, Susanne Witzgall, Lisa Blackman, Jens Hauser and Dieter Mersch.

The interfaces between art and the scientific disciplines of biology, environmental science, neuroscience, and physics pose interdisciplinary questions that are an inspiration to researchers. The authors compare artists' experimentation set-ups and thereby reveal new levels of knowledge. The examples in the Artists-in-Labs program illustrate how artists approach problems and, in this way, create new tools for science. The authors of this illustrated volume of essays include Harriet Hawkins, Irene Hediger, Jill Scott, Arnd Schneider, Susanne Witzgall, Lisa Blackman, Jens Hauser and Dieter Mersch.
