Christian Waldvogel unknown The Orders of Randomness

by means of the exhibition «unknown» at Helmhaus Zürich

Scheidegger & Spiess

7 Introduction

14	DISORIENTED A Discussion with Jack van Loon
20	Construction of a Random Positioning Machine Giordano Bruno and the Homogenei of the Universe
33	
38	THE UNIVERSE Werner Heisenberg and the Uncertainty Principle
42	Construction of a Bipolar Lightbox
45	A Discussion with Ben Moore
53	Tycho Brahe and the Study of the Universe with the Naked Eye
56	Construction of an Armillary Sphere
60	A Discussion with Ben Moore (continued)
	LIFE
66	A Discussion with Jean-Pierre de Vera
TO.	THE PIONEERS
73	A Discussion with Jakob Pernthaler
79 86	Map of the Entire (Visible) Universe Construction of a Cyanobacteria
00	Culture with Cleanroom, Airlock, and
	Visitor Area

	2
91	ANTECEDENTS
113	RANDOM PLANET PRODUCTION MACHINE
137	PLANETARIUM
143	ÜBER DEN ANSCHAULICHEN INHALT DER QUANTEN-THEORETISCHEN KINEMATIK UND MECHANIK. / LE BERCEAU DU TEMPS
	3
153	THE POSSIBILITY OF AN EARTH Essay by Daniel Morgenthaler
162 166 167 168	APPENDIX Sources and Illustrations About the Authors Acknowledgements Imprint