Contents

Preface		vii
Chapter 1.	Quarks and Smuggled Postcards from Andrei Sakharov	1
Chapter 2.	Andrei Sakharov and the Weizmann Institute	19
Chapter 3.	The Weizmann Institute and the Scientific History of Sakharov's Work	29
Chapter 4.	How Scientists Study Nature — Pure and Applied Research	47
Chapter 5.	The Building Blocks of Matter — What is a Quark?	85
Chapter 6.	The Forces of Nature	121
Chapter 7.	The Weak Force and the Discovery of the W Particle	137
Index		147