

Contents

Part I

The Novel	1
The New Martians.....	3
1 Prologue.....	4
2 Party	4
3 Malfunction	6
4 Ennui	7
5 John.....	9
6 Juliette.....	11
7 Jango.....	14
8 Tolya	18
9 Interlude.....	22
10 Katya	22
11 Mike.....	27
12 Irritability	29
13 Sabotage	31
14 E-mails	34
15 Interlude.....	38
16 Asthenization.....	39
17 Coupling.....	43
18 Asteroid.....	45
19 Interlude.....	46
20 Course Correction	46
21 July 4th	48
22 Awakening.....	54
23 E-mails	58
24 Bad News.....	60
25 Revelations.....	62
26 Recovery	63
27 Interlude.....	66
28 Burn	66

29	Drugged	68
30	Trapped	69
31	Life.....	72
32	Interlude.....	76
33	Brothers.....	77
34	Waiting.....	78
35	Depressurization.....	81
36	Interlude.....	86
37	Reboot.....	86
38	Memorial.....	88
39	Lab Findings.....	91
40	E-mails	92
41	Problem	95
42	Epilogue.....	96

Part II

The Science Behind the Fiction..... 101

Psychosocial Issues during an Expedition to Mars..... 103

1	Psychological and Interpersonal Stressors On-orbit	103
2	Cultural Issues	107
3	Psychological and Interpersonal Stressors Unique to a Mars Expedition	108
4	Psychological Impact of a Mars Expedition.....	111
5	Interpersonal Impact of a Mars Expedition	113
6	Positive Effects of Being in Space.....	117
7	Life on Mars and Panspermia	117
8	References.....	119

The New Martians

A Scientific Novel

Kanas, N.

2014, VIII, 123 p. 2 illus. in color., Softcover

ISBN: 978-3-319-00974-2