

Table of Contents

Introduction	9
Chapter I Chance	11
Chapter II Causality	21
Chapter III Propaedeutics in physics	39
Chapter IV Nobel	49
Chapter V A dispute over atoms	57
Chapter VI Brownian motion	67
Chapter VII Einstein – Smoluchowski – Sutherland	91
Chapter VIII Youth and family	105
Chapter IX Mountaineer	129
Chapter X Citations	167
Chapter XI Scientist	173
Chapter XII Aristotle	193
Chapter XIII Philosophy	201
Chapter XIV Beauty in physics	217
Chapter XV Utility	223
Chapter XVI Materialism	241
Chapter XVII Professor	253

Chapter XVIII The philosophy of physics 281

Chapter XIX Children 305

Chapter XX Commemoration 313

Annex 321

 List of Marian Smoluchowski’s published works 321

 Publications issued after Smoluchowski’s death 356

Conclusion 359

Vernissage – powerful, eternal nature... 363

Acknowledgements 383

List of illustrations 385

Bibliography 395

Index of Names 411