

# TABLE OF CONTENTS

|  |     |
|--|-----|
| PREFACE<br><i>Svante Lindqvist</i>   | XII |
| FOREWORD<br><i>Francesco Profumo</i>   | XIV |
| INTRODUCTION<br><i>Karl Grandin, Piero Mazzinghi, Nils Olander, Giuseppe Pelosi</i>  | XVI |
| SECTION I – DOCUMENTS  | 1   |
| Guglielmo Marconi, “Nobel Prize Lecture – December 11, 1909. The original manuscript”  | 6   |
| Karl Grandin, “The Nobel Prize in 1909: the awarding process”  | 78  |
| Monica Pavese Rubins, “Guglielmo Marconi and wireless telegraphy in the Swedish daily press”   | 92  |
| Massimiano Bucchi, “The Nobel Prize to Marconi in the Italian daily press”   | 120 |
| SECTION II – MARCONI: THE ROAD TO THE NOBEL PRIZE  | 131 |
| Gianfranco Albis, Sigfrido Leschiutta, Massimo Ortolano, “Vincenzo Rosa and the education of Guglielmo Marconi”                            | 138 |
| Gabriele Falciasecca, “Marconi’s activity in 1895: what we know and what is hypothesized”  | 156 |
| Mary K. MacLeod, “Whisper in the air. Marconi: the Canada years – From Newfoundland, to Nova Scotia, to Quebec”                            | 174 |
| Stefano Selleri, “Pietro Blaserna, Stanislao Cannizzaro, Antonio Roiti and Giovanni Schiaparelli: Marconi’s nominators who didn’t make it” | 208 |

|   |     |
|---|-----|
| SECTION III – MARCONI'S CONTEMPORARIES AND LATER SCIENTISTS   | 225 |
| Peter Russer, “Ferdinand Braun – A pioneer in wireless technology and electronics”  | 228 |
| Henry Rishbeth , “Reflections in Appleton’s mirror: a century of ionospheric science”   | 248 |
| Piero Mazzinghi, Giuseppe Pelosi, “Enrico Fermi talks about Guglielmo Marconi”  | 266 |
| Nils Gunnar Petersson, “Erik Gustaf Hallén”   | 278 |
| SECTION IV – EQUIPMENT, DEVICES AND COLLECTIONS IN SWEDEN AND ITALY   | 283 |
| Carl-Henrik Walde, “SAQ in Grimeton, the only remaining pre-electronic transmitter for transatlantic work and the only radio station on the UNESCO World Heritage List” | 286 |
| Anders Lindeberg-Lindvet, “Collections on telecommunication engineering in Sweden”  | 302 |
| Leonardo Lucci, Antonio Savini, Massimo Temporelli, Barbara Valotti, “Collections on telecommunication engineering in Italy”  | 320 |
| CONCLUSION  | 349 |
| NOTES ON EDITORS  | 355 |
| NOTES ON CONTRIBUTORS   | 359 |
| ACKNOWLEDGEMENTS  | 363 |
| INDEX   | 365 |