

AUGUSTIN MAIOR – A PIONEER IN THE MULTIPLE TELEPHONY

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Rezumat. *Această lucrare prezintă unele elemente importante din viața lui Augustin Maior, precum și contribuții ale acestuia în domeniul ingineriei. De-a lungul carierei sale, Augustin Maior a activat în domeniul telefoniei și telegrafiei, efectuând experiențe și publicând lucrări despre transmiterea simultană a mai multor convorbiri telefonice pe distanțe lungi, cu curenți alternativi de înaltă frecvență. Augustin Maior, prin activitatea sa, a fost un fizician, pedagog și inventator, un savant român care și-a adus semnificante contribuții la activitatea științifică internațională.*

Abstract. *This paper presents some significant aspects from Augustin Maior's life and his contributions in the engineering field. Along his career, Augustin Maior activated in the field of telephony and telegraphy, effectuated experiments and published papers about simultaneous transmission of more than one telephonic conversation on long distances, using alternative currents of high frequency. Augustin Maior, by his activity, was a physician, pedagogue and inventor, a Romanian savant who brought significant contributions on international scientific activity.*

Keywords: multiple telephony and telegraphy, alternative current in high frequency, electrostatic induction, telephonic and telegraphic signals.

1. Introduction

The savant Augustin Maior had essential support in the history of universal engineering by having contributions in the *telephony and telegraphy fields*. He realized studies; he did experiments and published papers about simultaneous transmitting of several telephonic transmissions in the same time on a physical circuit.

In that era, and even before, it were contoured the fundamental ideas, it were elaborated the methods, and the result was the appearance of telephonically systems with many channels. Realization of first telephonically system with carrier currents was the result of researches and experiments of many savants and technicians, but Augustin Maior was on top of all.

In the history of sciences and techniques, there were many cases where merits of very important inventions were attributed to other scientist, such as to scientists well known or with important funds for research, or who had a lot of publicity.

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