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**PRACA DOKTORSKA**

**Koncepcje stylistyczne otworów rezonansowych  
typu *ef* w twórczości rodziny Amatich**

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**Praca doktorska przygotowana pod kierunkiem  
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## Summary

*Ph.D. paper: Stylistic concepts of „f” type sound holes in the work of Amati family*

The entire paper deals with stylistic concepts of „f” type sound holes, starting from Andrera Amati, a founder of a renowned family of violin makers, and ending up with his last descendant in this line of work. Sound holes cut out in instruments such as violins, violas and cellos constitute a subject of study. The analysis describes the arrangement of sound holes, their positioning, longitudinal cut, hole size as well as the shape of f-wings.

The most important part is the analysis of sound holes conducted on more than fifty instruments:

- 18 built by Andree Amati
- 1 built by Antonio Amati
- 10 built by Hieronim Amati
- 6 built by the Amate brothers
- 13 built by Nicola Amati
- 4 built by Hieronim II Amati.

This paper has been divided into four chapters:

1. The first chapter presents a brief outline of the history of sound holes in stringed, plucked and struck chordophones, from Ancient Times to the Baroque.
2. The second chapter sheds light on the history and hypotheses concerning the origin of the „f” type sound holes. It contains also a glossary, which describes the elements of sound holes.
3. The third chapter describes and illustrates the sound holes of all instruments made by the members of Amati family. Each subsection presents a particular violin maker with illustrations of sound holes from a specific instrument. Each example is provided with dimensions and stylistic analysis. A large part of this chapter comprises illustrations, which were necessary to conduct the analysis.

4. The last chapter constitute the summary of the information contained in the third chapter. A reader finds here conclusions on stylistic concept of “*f-s*”, as each luthier in that family proposes a different stylistic idea of sound holes.