# The Electronic and Computer Music of Matas Petrikas: A Journey Through Time and Technology



Electronic and Computer Music by Matas Petrikas



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Matas Petrikas (1930-2022) was a Lithuanian composer and electronic music pioneer whose groundbreaking work shaped the sonic landscape of the 20th century. Born in the small town of Varena, Lithuania, Petrikas developed a passion for music at an early age. He studied composition at the Lithuanian Academy of Music and Theatre, where he later became a professor. In the late 1950s, Petrikas became fascinated with the emerging field of electronic music. He began experimenting with tape recorders and other electronic devices, creating a series of experimental and avant-garde compositions.

In 1962, Petrikas founded the Lithuanian Electronic Music Studio, one of the first such facilities in the Soviet Union. The studio became a hub for electronic music research and production, and Petrikas used it to create a number of groundbreaking works. In 1964, he composed "Symphonies of Wind Instruments and Concrete Sounds," which is considered to be the first electronic symphony ever written. The piece combines traditional orchestral instruments with electronic sounds, creating a unique and immersive musical experience.

Petrikas's work was not limited to electronic music. He also composed for orchestra, chamber ensembles, and solo instruments. His music is often

characterized by its use of complex rhythms and harmonies, as well as its exploration of new and unusual sounds. Petrikas was also a pioneer in the use of computers in music composition. In the 1970s, he began using computers to generate and manipulate musical data. This led to the creation of a number of algorithmic compositions, which are based on mathematical and computational processes.

Petrikas's music has been performed and recorded by numerous musicians and ensembles around the world. He has also received numerous awards and honors for his work, including the Lithuanian National Prize for Culture and Art in 1989. Petrikas continued to compose and perform until his death in 2022. His legacy lives on through his music, which continues to inspire and challenge musicians and listeners alike.

#### Early Life and Education

Matas Petrikas was born on November 30, 1930, in the small town of Varena, Lithuania. His father was a music teacher and conductor, and his mother was a choir singer. Petrikas began studying music at an early age, and by the time he was 10 years old, he was composing his own pieces. He studied composition at the Lithuanian Academy of Music and Theatre, where he later became a professor.

#### **Experimental Music and Electronic Music**

In the late 1950s, Petrikas became fascinated with the emerging field of electronic music. He began experimenting with tape recorders and other electronic devices, creating a series of experimental and avant-garde compositions. In 1962, he founded the Lithuanian Electronic Music Studio, one of the first such facilities in the Soviet Union. The studio became a hub for electronic music research and production, and Petrikas used it to create a number of groundbreaking works.

#### **Algorithmic Music and Computer Music**

In the 1970s, Petrikas began using computers to generate and manipulate musical data. This led to the creation of a number of algorithmic compositions, which are based on mathematical and computational processes. Petrikas was one of the first composers to use computers in this way, and his work helped to lay the foundation for the field of computer music.

#### Legacy and Influence

Matas Petrikas was a pioneering composer whose work had a profound impact on the development of electronic music and computer music. His music is often characterized by its use of complex rhythms and harmonies, as well as its exploration of new and unusual sounds. Petrikas's work has been performed and recorded by numerous musicians and ensembles around the world, and he has also received numerous awards and honors for his work. His legacy lives on through his music, which continues to inspire and challenge musicians and listeners alike.

#### **Recommended Listening**

- "Symphonies of Wind Instruments and Concrete Sounds" (1964)
- "String Quartet No. 2" (1970)
- "Computer Music No. 1" (1973)
- "Electronic Music No. 5" (1978)
- "Piano Music No. 3" (1985)

#### References

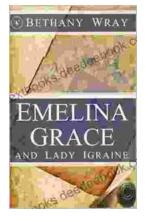
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