

- ▶ **Newsroom**
- ▶ Newsletter
- ▶ Publications
- ▶ Video and Audio

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Music and Science

Early Stage Researcher from COST Action IC0601 joins the 53rd International Festival of Contemporary Music in Venice, Italy

As part of a Short-Term Scientific Mission (STSM), Suguru Goto, an Early Stage Researcher from COST Action IC0601 Sonic Interaction Design (SID), participated in the 53rd International Festival of Contemporary Music in Venice, Italy. This experience gave him the chance to mix with experts in this field and develop research taken on by this COST Action.

Suguru opened this event with a unusual performance. Member of the Institut de recherche et de coordination acoustique/musique (Ircam) research group, this Japanese experimental artist was joined by a full orchestra of android musicians responding to a virtual conductor with human sensitivity.

COST Action IC0601 acts as a platform to explore different SID topics. Through a variety of projects it sets out to strengthen the links between scientists, artists, and designers in the European Research Area. SID is an interdisciplinary area of research and practice that explores ways in which sound can be used to convey information, meaning, and aesthetic and emotional qualities in interactive contexts.

In terms of research, robotic music helps to study and understand the complex movements of a human gesture. According to Goto, the musician knows how to play an instrument but finds it more difficult to explain exactly how he controls each part of his muscles and to what extent he instinctively increases or reduces the speed and intensity in a single instant. By understanding the emotional and intuitive capacity of a human being, scientists can begin to understand the complexity of the human brain.

For information, visit: <http://www.labiennale.org/>



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