

# Shonan Fujisawa Gakkai Report

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## 1. Research Activity

19th International Society for Music Information Retrieval Conference (ISMIR 2018) including:

- a. Tutorials (Sept 23rd),
- b. Scientific Program (Sept 24-26th),
- c. Late breaking Demo/Poster presentation (Sept 27th), and
- d. Women in MIR (WIMIR) Workshop - a satellite event of ISMIR (held on September 28th).

## 2. Details of Research Activity

Date: September 23rd, 2018 ~ September 27th, 2018

Location: Cité Internationale Universitaire de Paris and Télécom ParisTech, Paris, France

A short paper is presented on “Automatic Analysis of Global Music Recordings Suggests Scale Tuning Universals” is presented at the Late-breaking Demo/Poster on September 27th.

## 3. Purpose of Research Activity

Since our seminar is quite new, this is the first time for our seminar to take part in the ISMIR conference. We were wishing to build connection with the Music Information Retrieval (MIR) academia world, to receive feedbacks on our studies and to hopefully collaborate with researchers in similar fields in the future.

## 4. Results of Research Activity

In the 5-day conference and WIMIR workshop, we broaden our understanding of MIR, learned new available programming for my study and made many connections.

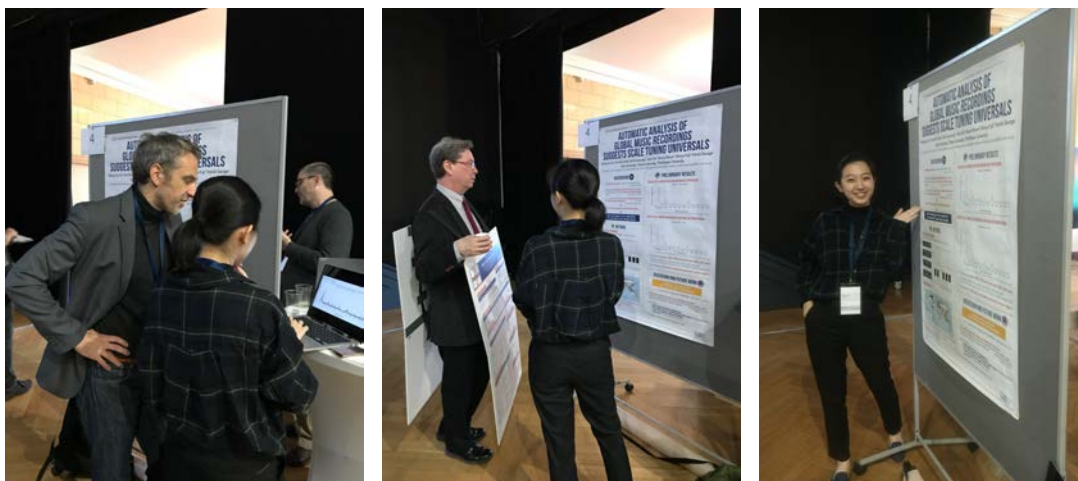


Figures 1 & 2. Photos of scientific programs and presentation session.

In the tutorial of “Computational Approaches for Analysis of Non-Western Music Traditions” by Xavier Serra, Martin Clayton, Barış Bozkurt, a scale tuning analysis programming on Turkish and Indian music was introduced. This is highly related to my research on world music’s scale tunings.

Although the method introduced is more detailed and requires more information of each region's musical background, it can be practical when we wish to do a more accurate regional analysis in the future.

During the conference, we also met the students and professors from Queen Mary University of London, acquaintances of our supervisor Prof. Savage, and talked about our future collaboration project next semester.



Figures 3, 4 & 5. Photos of Late-breaking Demo and Poster presentation.

As shown in Figures 3, 4, and 5, many ISMIR participants stopped by my poster. Researchers working in similar areas expressed similarities in their own findings (such as the perfect fifth and major seconds), the reasons and theories that support my findings were not specified were also brought up. Through the discussions, it prompted some possible future research topics, such as the western and non-western split in scales (more detailed information in the abstract), a more fine-grained regional analysis etc. The research topics brought up in the discussion will be further examined and hopefully be answered in either my personal graduation project or group project on our seminar.

## 5. Acknowledgements

The work presented in the Late-breaking Demo/Poster is done with collaboration with Shoichiro Sato and Jiei Kuroyanagi from the same seminar. We are especially grateful to Prof. Patrick E. Savage, Prof. Shinya Fujii, Dr. Joren Six, Dr. Steven Browns, and Dr. Peter Pfordresher, who have been supportive throughout the research project and worked actively to mentor us and provide us feedbacks and advices.

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