

---

International Session (Oral) | Symbol G (General [Education and Outreach]) | General [Education and Outreach]

## [G-01\_29PM2]Ocean education in tomorrow's classrooms

Convener:\*Chi-Min Liu(Professor, General Education Center, Chienkuo Technology University), Chair:Chi-Min Liu(Professor, General Education Center, Chienkuo Technology University)

Tue. Apr 29, 2014 4:15 PM - 5:30 PM 423 (4F)

This is a poster-only session for presenting current progress and new ideas in all aspects of ocean education. As ocean science and technology speedily advance nowadays, the arising important issue is how to transfer the progress and knowledge from researchers to students in classroom. Such a gap between research and teaching is always a challenge in classrooms not only for teachers and researchers but also for undergraduate or younger students. Therefore the main target of this session is to provide a forum for discussing and seeking the strategies to connect the gap by all possible methods and technologies. Topics which include, but are not limited to educational multimedia, online education, new development of teaching materials, classroom activities and collaborative learning are welcome.

---

5:15 PM - 5:30 PM

## [G01-P02\_PG]Western classical music about ocean

3-min talk in an oral session

\*Chi-min LIU<sup>1</sup>, I-chun CHEN<sup>2</sup> (1.Chienkuo Technology University, 2.Taipei Municipal Xinyi Junior High School)

Keywords:western classical music, ocean phenomenon, interaction with ocean

The influence of ocean phenomenon on western classical music is preliminarily studied. Main purposes of this interdisciplinary study are to explore the correlation between natural ocean phenomenon and music elements and how they affect each other. Ocean phenomenon considered include the climate, wave conditions, coastal landform, and other natural events around or on the sea. For some specific music pieces, it is clear that all these phenomenon greatly influence the composers' moods and the music pieces they composed. Some music compositions specially in the 19th and the early 20th centuries will be introduced herein to elucidate the whisper between ocean and music. Finally, present idea may give a way for music teachers to include the ocean elements in their classes.