

## **CLOUDCLASSROOM: THE NEXT GENERATION**

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### Abstract

My research team has developed CloudClassRoom (CCR), a cross-platform instant response system, with the aim to help teachers in the orchestration of small-group argumentation activities, especially in the classroom. CCR has two main functions: (1) to enable every student in the classroom to respond to the teacher's questions instantly and anonymously by using a handheld device; and (2) to automatically form small groups based on student real-time responses. We have integrated CCR into a small-group socio-scientific argumentation activity, and initially explored the possible impacts of different automatic group-formation methods on Taiwanese college students' learning outcomes. In this presentation, I would like to carry out a live demo for the participants in terms of ways to engage classroom participation