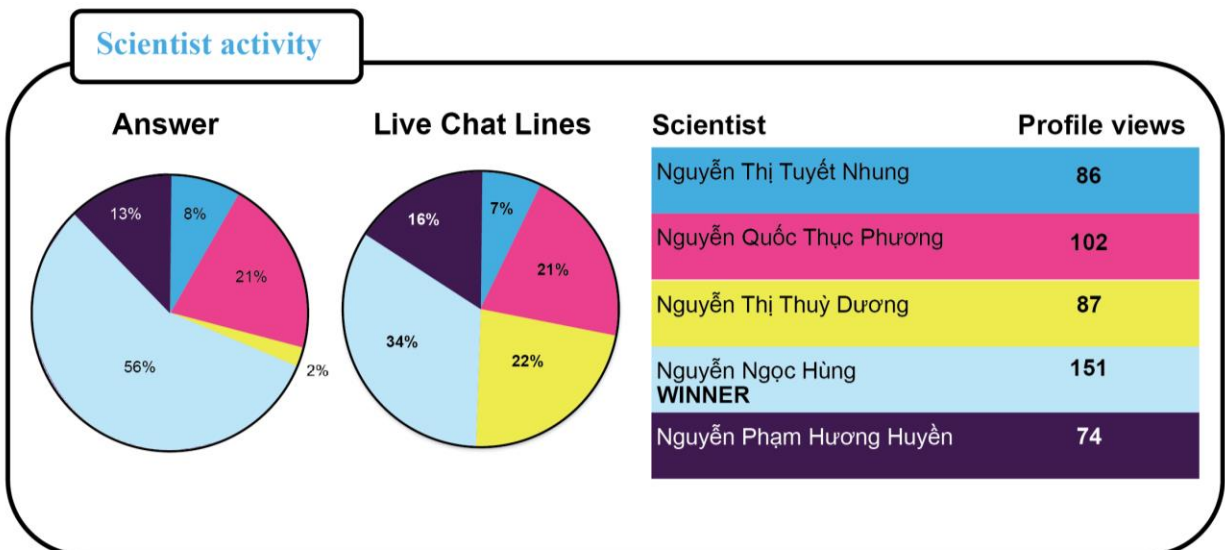
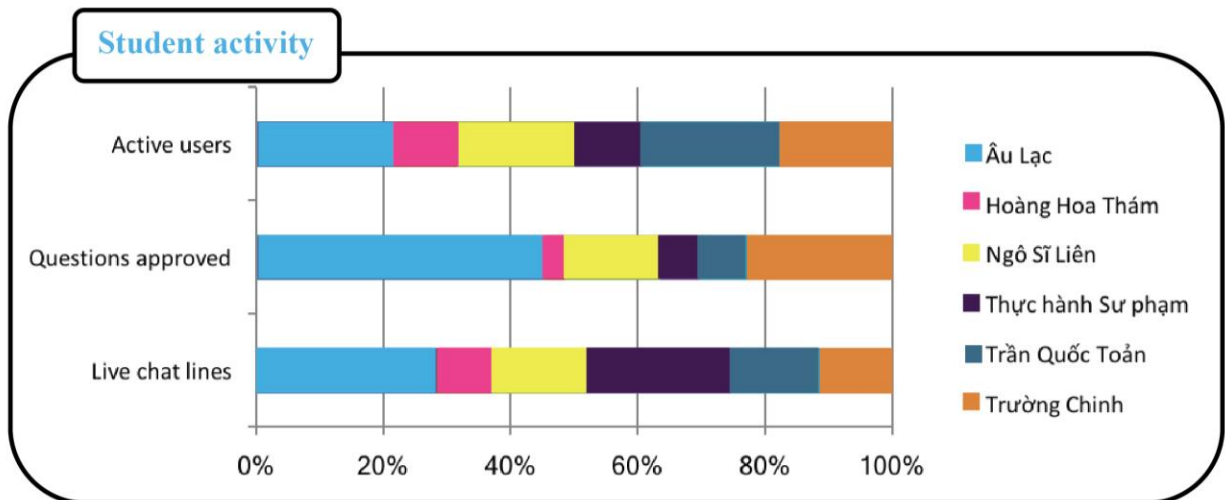




FOOD SCIENCE Zone
JANUARY 2018

This summary zone report contains key data on the activities in the Food Science Zone, *Khoa học Thực phẩm*, which ran from 29th January to 9th February. This zone took place with the participation of:

- **6 schools** in Ho Chi Minh City and Tra Vinh Province
- **5 scientists** working in Vietnam, Thailand, and USA
- **215 students** aged from 13 – 14 logged into the zone, **86.51% actively took part** in the event in either the ASK, CHAT, or VOTE sections.



Interaction outcome

Student

137 students from 6 secondary schools in Ho Chi Minh City and Tra Vinh City took part in post-event surveys after joining Chat voi Nha khoa hoc.

Students' changes of interest in science

BEFORE

67.2% of students interested in science



AFTER

96.4% of students interested in science

Students' feedback on 3 main activities

Ask? 85.4%

agreed scientists gave clear and satisfying answers to what they asked. agreed scientists were friendly and science works were more interesting than they thought before chatting.

Chat 80.3%

agreed to vote for the scientist that was humorous and friendly, giving clear answers to their questions.

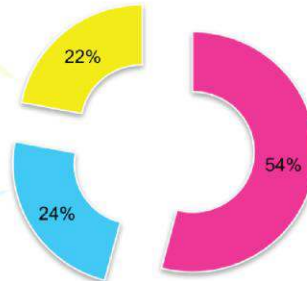
Vote 86.9%

Science knowledge students gained after the event

"I understand more about the current works of the scientists. Science is not as tough as I thought. It's actually quite interesting!"

"Vitamin C should not be used at night or left in room temperature for so long. Milk and fruit that are high in vitamin C should not be mixed together."

- Food problems affect health
- How to use and preserve food properly
- Knowledge about science, research and life of scientists



"I understand what is protein. Animal-based food sources contain a significant amount of purines."

"Breakfast is the most important meal of a day, we should not skip it. In the morning, we should eat food that are in high protein and fiber with less fat."

Scientist

"I'm glad that I had an opportunity to meet other colleagues and school students in this project. After participating in the event, I figured out some things. Questions in the chat sessions, which were familiar and close to daily life, somehow showed us children's need for knowledge and information. Especially, they had big concern about things directly related to themselves, such as food or health. In my opinion, language skills and the way scientists explain or convey scientific information to students concisely are very challenging and need to be improved frequently."

– Dr. Nguyen Thi Thuy Duong, Ho Chi Minh City University of Food Industry, Vietnam

"Through this project, I think I need to further improve my ability to express myself so that students or non-science people can understand basic science knowledge easily. Besides, thanks to Chat voi Nha khoa hoc, I know that school students need to know a lot about food issues today but they are still confused due to the lack of a clear and scientifically informed source of information."

– Dr. Nguyen Pham Huong Huyen, Ho Chi Minh City University of Food Industry, Vietnam

Feedback on the online engagement method

The effectiveness of the online engagement method used for school students to access to science was rated **8.9 over 10** by teachers. Furthermore, **89.1%** of students participating in this zone found it easy to use the website. Meanwhile, scientists commented:

"Chat voi Nha khoa hoc is an interesting project, which is a bridge between school students and scientists. Through the event, students extend their knowledge. Besides, thanks to Chat voi Nha khoa hoc, I know that school students need to know a lot about food issues today but they are still confused due to the lack of a clear and scientifically informed source of information."

– Nguyen Ngoc Hung, Institute of Nutrition, Mahidol University, Thailand

"I think we should set a limitation for students, they can ask 1-2 scientists at a time (in stead of 5) to avoid the overlap. In most of chat sessions, the students focused on raising questions for specific scientists, so there was no problem. However, in one session, they imitate each other and sent questions to 'All'. I answered and wondered if somebody else also did on the same question."

– Dr. Nguyen Quoc Thuc Phuong, University of Rochester, USA

Key figures from Food Science zone and Crop Science zone, which ran at the same time

	FOOD SCIENCE Zone	CROP SCIENCE Zone
Total page views	4,769	4,907
ASK page views	384	271
CHAT page views	872	835
VOTE page views	575	424
Live chat	10	9
Lines of live chat	1,651	1,620

Top issues students asked in Food Science zone

Size represents frequency of issues.
 The bigger the size is, the more interested the students are.
 (English translation in brackets.)

