

Press Release

August 13, 2013



Japan Analytical Instrument Manufacturers' Association (JAIMA)

“JAIMA Science Summer School for High and Junior High School Students” was held for the experience of studying the analytical instruments

Japan Analytical Instrument Manufacturers' Association (1-12-3 Kanda Nishiki-cho, Chiyoda-ku, Tokyo, 101-0054; Tel: 03-3292-0642; President: Shigehiko Hattori, chairman of Shimadzu Corporation) announced that the "JAIMA Science Summer School " was held in the National Museum of Emerging Science and Innovation on July 23rd. This event is for high and junior high school students who would like to be experienced by operating the analytical instruments by themselves.

This purpose is eventually to have high school and junior high school students deepen their basic understanding of the analytical instruments that have been supporting the developments in the various industries, and to evoke their interest of science and technology.

This experiential training was triggered by the “ICAS 2011 open lecture” held in May 2011. This event has been held as a planning the Technical Affairs Committee of JAIMA since 2012. Some cooperative companies, mainly members of the technical affairs committee in JAIMA, introduced their analytical instruments by conducting the overview of the themes and by doing the operating experience training for a small group (2 to 3 persons) . In total, around 50 students as participants are nominated from the metropolitan area.

We've carried out a simple questionnaire to all the students attended. The following comments were received from the questionnaire. Representative comments are shown as follows. “I felt that it was a good experience to operate the expensive equipment that can't be experienced normally. It was a very valuable experience for me by attending to this seminar.” “It's a very valuable experience to know such an analytical instruments, such as chromatography (I learned from the textbook), how is what has been helping to our social

life." "It was easy to understand for me with a very polite explanation, although the contents were advanced." "I felt that it has been well prepared about the descriptive booklet, slide shows and talented instructions." "I want to participate again if the opportunity arises."

Kyouichi Komori who is the organizer of this event (Chairperson of Technical Affairs Committee) commented as follows. "We're very appreciating to all the persons who've been involved in this seminar (High school students participated, their teachers of each high school for the cooperation, the University teachers who've supported and planned in this project, and the instructors who've cooperated from each company). I would like to continue with efforts for next year based on the implementation of this year's results of this seminar.

[Outline]

Date : July 23, 2013 (Tuesday) 12:45 - 17:00

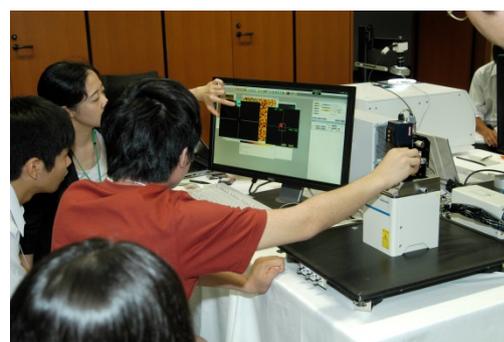
Location: National Museum of Emerging Science and Innovation
(Conference Rooms No.1 - 3 (7th floor))

Number of participants: 52 persons

The cooperated company names and the used instruments

Cooperated Company Names	Used Instruments
Agilent Technologies Japan, Ltd. (Nitrogen generator: Peak Scientific Japan Co., Ltd.)	Gas Chromatograph
	Fourier transform infrared spectrophotometer (FT-IR)
Otsuka Electronics Co., Ltd.	Capillary Electrophoresis
Thermo Fisher Scientific K.K.	Fourier transform infrared spectrophotometer (FT-IR)
Shimadzu Corporation	High-performance Liquid Chromatograph
TOA-DKK Corporation	Ion Chromatograph
JEOL Ltd.	Tabletop Electron Microscope
JASCO Corporation	UV-visible spectrophotometer
Hamamatsu Photonics K.K.	Photomultiplier, etc. (such as sample display)
Hitachi High-Tech Science Corporation	Scanning Probe Microscope
	Thermal Analyzer

Hitachi High-Technologies Corporation	Tabletop Electron Microscope
Horiba, Ltd.	pH meter
	X-ray fluorescence spectrometer
Kyoto Electronics Manufacturing Co., Ltd.	Densitometer
	Refractometer
Rigaku Corporation	X-ray diffractometer



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