



Asia Pacific Winter Conference 2017

## APWC2017 Post-Conference in Tokyo

The continued and rapid growth of the analytical capabilities of the plasma sources for atomization and excitation in atomic spectroscopy and ionization in mass spectrometry and the need to discuss and exchange recent developments of plasmas. The Asia-Pacific Winter Conference 2017 at Matsue-City will bring together international scientists experienced in applications, instrumentation, and theory in an informal setting to examine recent progress in the field. It is hoped that the conference will both encourage international cooperation in these fields and stimulate scientists in Asian countries. The organizers of the 7th APWC cordially invite you to participate the post conference of the APWC2017, to be held in Tokyo, Japan. The aim of the post conference is to demonstrate and exchange further detailed research progresses in the series of key research fields of the plasma spectrochemistry. Symposia organized and chaired by recognized experts will include the following topics: (1) clinical application of isotopes, (2) speciation, (3) metallomics, (4) fundamentals, (5) geochemistry, and (6) combination of the laser ablation and ToF-ICP techniques. We welcome the participation of specially students or young scientists.

**Date : 20th Monday, November, 2017**

**Venue : The University of Tokyo, Hongo 7-3-1, Bunkyo-ku, Tokyo, Japan**

**Registration : Free for all APWC2017 participants (others : 3,000 JPY)**

### Program

2017/11/20		Contributor	Lecture Title
10:00	- 11:00	<b>Thomas Walczyk</b> National University of Singapore	<b>Exploration of mineral and trace element metabolism in animals and humans using stable isotope techniques</b>
11:10	- 12:10	<b>Wei Hang</b> Xiamen University	<b>Laser Ablation and Ionization Mass Spectrometry</b>
12:10	- 13:30	<b>Lunch</b>	
13:30	- 14:30	<b>Mari Shimura</b> National Center for Global Health and Medicine	<b>Application in Biology and Medicine using X-ray</b> X線によりわかること-医学生物応用
14:30	- 15:30	<b>Gary Hieftje</b> Indiana University	<b>Why don't atomic mass spectrometers use simultaneous measurement as do emission spectrometers?</b>
15:30	- 15:45	<b>Coffee Break</b>	
15:45	- 16:45	<b>Takafumi Hirata</b> The Univ. Tokyo	<b>Pushing the limits in inorganic mass spectrometry</b> 無機質量分析計の逆襲
16:45	- 17:45	<b>Joerg Feldmann</b> University of Aberdeen	<b>Are pilot whales the dumping ground for toxic metals and metalloids? A study which illustrates the complexity of elemental speciation in biological systems</b>
17:45	- 18:00	<b>Naoki Furuta</b> Chuo University	<b>The current status and future direction of plasma spectrochemistry</b> プラズマ分光分析の現状と将来の方向

### Organisation : 2017 APWC organising committee

Chair Person : Takafumi Hirata (The Univ. Tokyo)

Sponsor company (alphabetic order) : Agilent Technologies, Analytik Jena, Hitachi High-Tech Science, HORIBA, PerkinElmer, SHIMADZU, Thermo Fisher Scientific