Presentations (Invited) **(**Apr.2012 - Mar. 2013)

1. T. Tahara, “Seeing the unseen to unveil fundamental molecular processes,” IBS Symposium on 'Present status and future perspective of photo-science', Institute of Basic Science (IBS), Seoul, Korea (March 19, 2013).
2. T. Tahara, “New insights into water interfaces obtained by heterodyne sum-frequency generation,” International Symposium on Molecular Organization and Complexity: A Chemical Perspective, University of Calcutta, Kolkata, India (February 6-8, 2013).
3. T. Tahara, “Ultrafast nonlinear spectroscopy at water interfaces,” Royal Society of Chemistry India Roadshow, Indian Association for Cultivation of Science, Kolkata, India (February 5,2013).
4. T. Tahara, “Heterodyned multiplex sum-frequency generation and its extension to time-resolved measurements for water interfaces,” Workshop on Structure and Dynamics of Water in Gas, Liquid and Solid Phases, Institute of Atomic and Molecular Sciences, Academia Sinica, Taipei, Taiwan (November 28-30, 2012).
5. S. Takeuchi, H. Kuramochi, T. Tahara, “Femtosecond Raman tracking of primary structural evolution in photoreceptor chromophore,” 10th Asian International Seminar on Atomic and Molecular Physics, Institute of Atomic and Molecular Sciences, Taipei, Taiwan (October 23-27, 2012).
6. Tahei Tahara, “New insight into water interfaces obtained by steady-state and time-resolved heterodyne-detected vibrational sum-frequency generation,” 224th ACS National Meeting & Exposition, Philadelphia, PA, USA, August (2012).
7. P. C. Singh, S. Nihonyanagi, S. Yamaguchi, and T. Tahara, “Two-dimensional heterodyne-detected vibrational sum-frequency generation to reveal femtosecond dynamics of water at charged interfaces,” The 23rd International Conference on Raman Spectroscopy, Bangalore, India, August (2012).
8. S. Takeuchi, H. Kuramochi, and T. Tahara, “Femtosecond Raman study of structural evolutions in photoreceptor chromophore,” The 23rd International Conference on Raman Spectroscopy, Bangalore, India, August (2012).
9. T. Tahara, “Seeing interfaces with ultrashort light,” NCTU Student Summer School, Hsinchu, Taiwan July (2012).
10. T. Tahara, “New insights into structure and dynamics of water interfaces obtained by phase-sensitive heterodyne detection of vibrational sum-frequency generation,” The Second Hsinchu Symposium on Advanced Spectroscopy and Imaging in Molecular Science, Hsinchu , Taiwan July (2012).
11. T. Tahara, “Nuclear dynamics of reacting molecules studied by ultrafast spectroscopy with 10-fs pulses,” ISSP-CMSI international workshop/symposium on Material Simulation in Petaflops era (MASP2012), Kashiwa, Chiba, Japan, July (2012).
12. T. Tahara, “Structure and Dynamics of Water at Charged Aqueous Interfaces Studied by HD-VSFG,” Telluride Workshop on Nonlinear Workshop at Interfaces, Telluride, CO, USA, Jun. (2012).
13. 田原太平、“フェムト秒の光で分子を観る、” 日本化学会関東支部群馬地区講演会、群馬県桐生市、7 月（2012 年）.
14. 田原太平、“新しい非線形分光で明らかになる界面の水の多様性、”理研「水科学」ワークショップ、埼玉県和光市、5 月（2012 年）.