

## Kitagawa Laboratory Ph.D. holders

name	present post	content of doctoral thesis
1. Musashi Fujishima	Kindai University assoc. prof.	proton-conductive coordination polymers
2. Yuki Nagao	JAIST professor	proton-conductive coordination polymers
3. Atsushi Kobayashi	Tokyo University of Sci. and Tech. professor	ladder-type mixed-valence metal complexes
4. Sota Shibahara	Nissan Motor Co., Ltd researcher	electron-hydrogen bonded charge transfer salts
5. Hirokazu Kobayashi	Kyushu University assoc. prof.	hydrogen-absorbing alloy nanoparticles
6. Teppei Yamada	the University of Tokyo professor	proton-conductive metal complexes
7. Rie Makiura	Osaka Metropolitan University prof.	metal complexes with surface porosity
8. Kazuya Otsubo	Tokyo University of Science assoc. prof.	dimension-crossing mixed-valence metal complexes
9. Emi Shinohara	Yokohama City University lecture	proton-conductive layered compounds
10. Akihito Shigematsu	Mitsui Chemicals, Inc. chief researcher	proton-conductive metal complexes
11. Shozo Kinoshita	Asahi Kasei Corp. chief researcher	porous metal complexes for electrochemical catalysis
12. Masaaki Sadakiyo	Tokyo University of Science assoc. prof.	proton-conductive 2D porous metal complexes
13. Kohei Kusada	Kyushu University assoc. prof.	alloy NPs based on elements strategy
14. Guangqin Li	Sun Yat-sen University professor	alloy nanoparticles covered with porous metal complexes
15. Pezzotti, Giuseppe	Kyoto Institute of Technology prof. emer.	expansion of theory of Raman spectroscopy
16. Genta Kawaguchi	Akatsuki Union Patent Firm patent attorney	physical properties of organic conductors under high pressure and magnetic field
17. Tomoyuki Haraguchi	Tokyo University of Science lecture	metal complexes with dynamic surface porosity
18. Ken-ichi Otake	Kyoto University assoc. prof.	porous nanotube metal complexes
19. Kazuyuki Fujie	KYOCERA Corporation subchief researcher	porous metal complexes with ionic liquids
20. Ryota Hashiguchi	Private educational institution lecture	ladder-type mixed-valence metal complexes
21. Takayuki Yamamoto	Panasonic Corporation chief researcher	solid nanoionics
22. Bo Huang	Xi'an Jiaotong University assoc. prof.	alloy-nanoparticle catalysis
23. Quan Zhang	National University of Singapore professor	phase control of alloy nanoparticles by non-equilibrium synthesis
24. Shun Dekura	Tohoku University assoc. prof.	elucidation of chemical state of hydrogen absorbed in metal
25. Ryo Nakayama	the University of Tokyo assoc. prof.	control of physical properties by using proton beam
26. Naoki Ogiwara	Kyushu University assoc. prof.	alloy nanoparticles covered with porous metal complexes
27. Takuo Wakisaka	Honda Motor Co., Ltd. researcher	light elements-doped noble metal nanoparticles
28. Aoyama Yoshimasa	SHOEI CHEMICAL INC. researcher	alloy nanoparticles covered with porous metal complexes
29. Shinya Tomeno		organic quantum spin liquid
30. Keigo Kobayashi	JSR Corporation researcher	light elements-doped metal alloy nanoparticles
31. Shun Sakaida	Murata Manufacturing Co., Ltd. researcher	metal complexes with dynamic surface porosity
32. Shinya Okazoe	Metal material enterprise researcher	artificial Tc alloy
33. GyeongCheol Lim	Samsung Electro-Mechanics researcher	control of physical properties by using proton beam
34. Sarango, Marvin	Kyushu University researcher	proton-conductive porous metal complexes
35. Yojiro Kimura	Tohoku University assist. prof.	electron-hydrogen bonded charge transfer salts
36. Daiya Kobayashi	Nippon Soda Co., Ltd. subchief researcher	alloy catalysis for water electrolysis
37. Yuko Mitsuka	SHOEI CHEMICAL INC. chief researcher	porous metal complex-alloy nanoparticles catalysts
38. Megumi Mukoyoshi	Kyoto University asst. prof.	hybrid materials of metal nanoparticles and metal organic frameworks
39. Masaki Donoshita	Kyushu University asst. prof.	electron-hydrogen bonding molecular systems
40. Kentaro Aoki	JAIST asst. prof.	porous nanotube metal complex
41. Yosuke Hara	SUMITOMO CHEMICAL CO., LTD researcher	hierarchical structure control of metal organic composites
42. Pingping Huang	BYD Company Limited researcher	control of electron-hydrogen bonding and exploration of functions and physical properties
43. Hayato Moriyama	private enterprise researcher	synthesis and physical properties of binuclear platinum complex
44. Yao Jing	IHEP, Chinese Academy of Science researcher	successive structural transition of coordination polymers
45. Hao Liang	Kyoto University postdoctoral researcher	dimensional expansion of halogen-bridged mixed -valence chain
46. Jiangfeng Lu	FJIRSM, CA postdoctoral researcher	proton rectification of free-standing proton -conductive polymers
47. Xin Zhou	Kyoto University postdoctoral researcher	nanoalloys doped with low-melting-point element
48. Tuo Di	Kyoto University postdoctoral researcher	ionic conductivity control of porous metal complexes
49. Penghao Wang	Kyoto University postdoctoral researcher	development of electron-proton mixed conductors and ambipolar conduction
50. Fukui Yoko	Metal material enterprise chief researcher	ionic conductivity in porous materials-AgX composites
51. Yuki Tanaka	Revamp researcher	development and physical properties research of organic quantum spin liquid
52. Yuto Maruta	Metal material enterprise chief researcher	machine learning for the development of multi-element nanocomposites and their catalytic functions