ORGANIZATION AND STAFF

Organization

The Institute for Molecular Science comprises twenty research laboratories, each staffed by a professor, an associate professor, two research associates and several technical associates, and two research laboratories with foreign visiting professors and five research facilities.

The laboratories are grouped into seven departments and one facility for coordination chemistry:

	Department of Theoretical Studies	Theoretical Studies I Theoretical Studies II Theoretical Studies III Theoretical Studies IV ¹⁾
	Department of Molecular Structure	Molecular Structure I Molecular Structure II ¹⁾
	Department of Electronic Structure	Molecular Dynamics Excited State Chemistry Excited State Dynamics Electronic Structure ¹⁾
	Department of Molecular Assemblies	Molecular Energy Conversion ²⁾ Solid State Chemistry Molecular Dynamics Assemblies Molecular Assemblies ¹⁾
	Department of Applied Molecular Science	Applied Molecular Science I Applied Molecular Science II ¹⁾
	Department of Vacuum UV Photoscience	Photochemistry Chemical Dynamics
	Department of Computational Molecular Science (April '04–)	Synchrotron Radiation Research ²⁾ Computational Molecular Science I Computational Molecular Science II Computational Molecular Science III ¹⁾
	Coordination Chemistry Laboratories	Complex Catalysis Functional Coordination Chemistry Coordination Bond ¹⁾
Tł	e research facilities are:	
	Laser Research Center for Molecular Science	Advanced Lasers for Chemical Reaction Studies Advanced Lasers for Synchrotron Radiation Applications Advanced UV and IR Tunable Lasers
	Research Center for Molecular-scale Nanoscience	

- Equipment Development Center
- UVSOR Facility
- Computer Center (–March '04)
- Safety Office (April '04–)

Okazaki research facilities (related to IMS) are:

- Okazaki Institute for Integrative Bioscience
- Research Center for Computational Science
- 1) Professors and associate professors are visiting professors from other universities.
- 2) Research laboratories with foreign visiting professors.
- 3) Professors, associate professors, and research associates, along with their positions, are transferred from other universities.

Scientific Staff

NAKAMURA, Hiroki

NAGAKURA, Saburo HIROTA, Eizi

KIMURA, Katsumi

MOROKUMA, Keiji INOKUCHI, Hiroo

MARUYAMA, Yusei YOSHIHARA, Keitaro

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SLANINA, Zdenek

LU, Jing

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ITO, Satoru MIZOROGI, Naomi

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Professor, Director-General

Emeritus Professors

The Japan Academy Professor Emeritus, The Graduate University for Advanced Studies Senior Researcher, Molecular Photonics & Photoelectron Group, Communications Research Laboratory Professor, Emory University, U. S. A. Chief Scientist of Space Utilization Research Program, Japan Aerospace Exploration Agency Professor, Hosei University Professor, Japan Advanced Institute of Science and Technology Professor Emeritus, The Graduate University for Advanced Studies Professor, University of the Air Professor, Fukui University Professor, National Institution for Academic Degree Professor Emeritus, The Graduate University for Advanced Studies, Tohoku University Director, RIKEN Wako Institute, RIKEN Discovery Institute

Professor Associate Professor **Research Associate Research Associate** Technical Associate Post-Doctoral Fellow (-June '04)¹⁾ IMS Fellow (-March '04)²⁾ Visiting Scientist; MONKASHO Invited Fellow (December '03-May '04) Visiting Scientist; JSPS Invited Fellow (-September '03); Post-Doctoral Fellow (October '03-March '04) Visiting Scientist; JSPS Post-Doctoral Fellow (-September '03); Post-Doctoral Fellow (October '03-March '04) JSPS Post-Doctoral Fellow Post-Doctoral Fellow Post-Doctoral Fellow Research Fellow Graduate Student (-September '03); Research Fellow (October '03-) Graduate Student (-September '03)³⁾ Graduate Student (-September '03)⁴⁾ Graduate Student Graduate Student (from Tokyo Institute of Technology)* (-March '04); Post-Doctoral Fellow (April '04-) Graduate Student Graduate Student (April '04-)

Professor Associate Professor (June '04–) Research Associate Research Associate (–March '04)⁵⁾ Research Associate IMS Fellow CHIKAZUMI, Shinpei ISHKHANYAN, Artur

ZHAO,Yi

KONDORSKY, Alexey OLOYEDE, Oluwaponmile

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TORII, Hajime

NAKAJIMA, Takashi

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IMS Fellow Visiting Scientist; MONKASHO Invited Fellow (–December '03) Visiting Scientist; JSPS Post-Doctoral Fellow (November '03–) Visiting Scientist; JSPS Post-Doctoral Fellow Graduate Student

Professor Associate Professor Research Associate (April '04-) Research Associate (June '04–) IMS Fellow IMS Fellow Post-Doctoral Fellow (April '04-) Post-Doctoral Fellow (April '04-) Post-Doctoral Fellow (January '04-) Post-Doctoral Fellow (-March '04)6) Post-Doctoral Fellow Post-Doctoral Fellow Graduate Student (-March '04); Research Fellow (April '04–) Graduate Student Graduate Student (April '04-)

Visiting Professor (from Nagoya University) (-March '04) Visiting Associate Professor (from Tokyo Metropolitan University) (April '04-) Visiting Associate Professor (from Shizuoka University) (-March '04) Visiting Associate Professor (from Kyoto University) (April '04-)

Professor Associate Professor Research Associate IMS Fellow Visiting Graduate Student (from Yonsei University) (April '04–)

Visiting Professor (from The University of Tokyo) Visiting Associate Professor (from Tokyo Institute of Technology) (–March '04) Visiting Associate Professor (from Kyoto University) (April '04–)

Professor (Okazaki Institute for Integrative Bioscience) Professor Associate Professor (–March '04) Research Associate Research Associate (–March '04) Technical Associate (–October '03); Research Associate (October '03–November '03) Technical Associate (–March '04) Technical Associate IMS Fellow PAL, Biswajit

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MA, Xiaodong

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> NEGISHI, Yuichi JUDAI, Ken NISHIJO, Junichi KOSUGI, Kentaroh

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Professor Visiting Professor (from Chungnam National University, South Korea) (July '04–August '04) Research Associate (-March '04) Research Associate (May '04–) Research Associate (April '04–) Research Associate of Research for the Future Program (-March '04)⁷⁾ Research Associate of Research for the Future Program (-March '04)⁸⁾ Graduate Student (from Kyushu University) (-March '04), Post-Doctoral Fellow (April '04–) Research Fellow (April '04–)

Professor (September '03–) Professor (–September '03)⁹⁾ Research Associate (April '04–)

Visiting Professor (from Meijo University) (–March '04) Visiting Professor (from Tokyo Institute of Technology) (April '04–) Visiting Associate Professor (from the Graduate University for Advanced Studies) (April '04–) Visiting Associate Professor (from Tokyo University of Agriculture and Technology) (–March '04) Research Associate (–March '04)

Visiting Professor (from Sungkyunkwan University, South Korea) (October '03–September '04) Visiting Associate Professor (from the University of Arkansas, USA) (January '04–May '04) Visiting Associate Professor (from LURE, France) (June '04–September '04)

Professor Associate Professor Research Associate Research Associate (-March '04) Research Associate (April '04-) Technical Associate IMS Fellow IMS Fellow Research Fellow Graduate Student (-March '04) Graduate Student Research Fellow Research Fellow Research Fellow (Octobar '03-March '04)

Professor

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Professor Associate Professor Research Associate Research Associate (March '04–) Research Associate (March '04–) IMS Fellow Graduate Student

Professor Associate Professor Research Associate (-March '04) Research Associate Technical Associate IMS Fellow (-March '04) IMS Fellow (September '03-March '04); Post-Doctoral Fellow (April '04-August '04) Post-Doctoral Fellow (-April '04)¹⁰⁾ Post-Doctoral Fellow (-April '04)¹¹⁾ Post-Doctoral Fellow (April '04-) Post-Doctoral Fellow (May '04-) Research Fellow (May '04-) Visiting Scientist (from AISIN COSMOS R&D CO., LTD.) ITO, Masayuki

SUZUKI, Akira

YAMAMURA, Shusaku TAKIZAWA, Morio FUJIKI, Satoshi RAHMAN, Mashiur KIM, Yong-Hoon MISAWA, Nobuo SUZUKI, Masanori

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Visiting Professor (July '03–March '04) Visiting Professor (April–July '04) Visiting Professor (July '04–) Visiting Associate Professor (–July '04)

Professor (Research Center for Computational Science) Associate Professor (Research Center for Computational Science) (January '04-) **Research** Associate **Research Associate Research Associate** IMS Fellow (-September '03); Post-Doctoral Fellow (October '03-) IMS Fellow (October '03-March '04) Post-Doctoral Fellow Post-Doctoral Fellow Graduate Student (from Tokyo Institute of Technology)* (-March '04); Post-Doctoral Fellow (April '04-) Graduate Student (from Tokyo Institute of Technology)* Graduate Student (from Tokyo Institute of Technology)* Research Fellow (-March '04)

Director

Visiting Professor (from Osaka University) (April '04–) Visiting Professor (from Tokyo Metropolitan University) (–March '04) Visiting Professor (from Osaka University) (–March '04) Visiting Associate Professor (from Yamagata University)(April '04–)

Professor Associate Professor Research Associate Research Associate IMS Fellow (-March '04)¹²⁾ Post-Doctoral Fellow (-March '04) Post-Doctoral Fellow Post-Doctoral Fellow (-May '04) ¹³⁾ Post-Doctoral Fellow Post-Doctoral Fellow Post-Doctoral Fellow Post-Doctoral Fellow TOMON, Takashi MIYASATO, Yuji KOMURO, Takashi TSUTSUI, Kanako HINO, Takami

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Research Facilities Laser Research Center for Molecular Science OKAMOTO, Hiromi MATSUMOTO, Yoshiyasu

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Advanced Lasers for Synchrotron Radiation Applications SARUKURA, Nobuhiko Associ ONO, Shingo Resear QUEMA, Alex Resear

GOTO, Masahiro OUENZERFI, Riadh MURAKAMI, Hidetoshi TAKAHASHI, Hiroshi DIWA, Girbert KAMEI, Takayuki

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YI, Jong-Hoon

ISHIZUKI, Hideki TSUNEKANE, Masaki DASCALU, Traian SATO, Yoichi SAIKAWA, Jiro PAVEL, Nicolaie

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Post-Doctoral Fellow Post-Doctoral Fellow (April '04–) JSPS Post-Doctoral Fellow (April '04–) Research Fellow Graduate Student

Visiting Professor (from Osaka Prefecture University) Visiting Professor (from Gunma University)

Director (–March '04) Director (April '04–)

Associate Professor Research Associate Research Fellow (–March '04); Visiting Scientist; JSPS Post-Doctoral Fellow (April '04–) IMS Fellow IMS Fellow (September '03–March '04) Research Fellow (July '04–) Graduate Student (–March '04) Graduate Student (May '04–) Graduate Student (April '04–)

Associate Professor Research Associate (-March '04) Visiting Professor (from Institute of Atomic Physics, Romania) Visiting Associate Professor; MONKASHO Invited Fellow (from Yeungnam University, Korea) IMS Fellow Research Fellow Research Fellow Research Fellow Research Fellow Visiting Scientist (from Institute of Atomic Physics, Romania)

Director

Professor Associate Professor Associate Professor **Research Associate Research Associate** Research Associate (October '03-) **Research Associate** Technical Associate (-May '04) IMS Fellow (-April '04) IMS Fellow (-July '04) Post-Doctoral Fellow (-July '04) Post-Doctoral Fellow (April '04-) Post-Doctoral Fellow (-March '04) Graduate Student Graduate Student Graduate Student

ENDO, Hiroaki KAWAO, Masahiro MIZUGUCHI, Eisuke OZAWA, Hiroaki

SATOU, Hirokazu YAJIMA,Takashi TANAKA, Yasuhiko MADANBASHI, Tomokura

MATSUNAGA, Satoshi

NAKATA, Kazuya

KIM, Yong-De

SHIMADA, Kazuhiro

TOMONARI, Yasuhiko

Nanocatalysis and Biomolecular Devices UOZUMI, Yasuhiro FUJII, Hiroshi

> NAGATA, Toshi SAKURAI, Hidehiro KURAHASHI, Takuya NAGASAWA, Takayuki YAMADA, Youich HIGASHIBAYASHI, YOON, Cheol min MORITA, Ryotaro HOSOKAWA, Youichi TAKENAKA, Kazuhiro SUZUKA, Toshimasa GUO, Haiqing MAKI, Suguru HOCKE, Heiko KIKUZAWA, Yoshihiro NAKAI. Yasushi KIMURA, Masahiro TAMAKI, Hirotaka SAKAMAKI, Junichiro MINAKAWA, Maki ARAKAWA, Takayasu BEPPU, Tomohiko

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YAMAGUCHI, Dai

Advanced Molecular Science TAKAHASHI, Masahiko KERA, Satoshi Graduate Student (from Ehime University)* (-March '04) Graduate Student (from Ehime University)* Graduate Student (from Ehime University)* Graduate Student (from Ehime University)* (-March '04), Graduate Student (April '04-) Graduate Student (from Ehime University)* Graduate Student (April '04-) Graduate Student (from Nagasaki University)* (April '04-) Graduate Student (from Tokyo Metropolitan University)* (April '04-) Graduate Student (from Tokyo Metropolitan University)* (April '04-) Graduate Student (from Tokyo Metropolitan University)* (April '04-) Graduate Student (from Japan Advanced Institute of Science and Technology)* (April '04–) Graduate Student (from Japan Advanced Institute of Science and Technology)* (April '04-) Graduate Student (from Kyusyu University)* (April '04-)

Professor Associate Professor (Okazaki Institute for Integrative Bioscience) Associate Professor Associate Professor (October '03-) **Research Associate Research Associate** Research Associate (October '03-) Research Associate (June '04–) Visiting Professor (December '03-Februry '04) Visiting Researcher (-September '03) IMS Fellow (-March '04) IMS Fellow JST Post-Doctoral Fellow (April '04-) JST Post-Doctoral Fellow (April '04-) IMS Fellow (April '04-) JST Post-Doctoral Fellow (-November '03) Graduate Student (-September '04) Graduate Student (-March '04) Graduate Student Graduate Student (-March '04) Graduate Student Graduate Student Graduate Student (April '04-) Graduate Student (April '04-)

Professor Associate Professor Research Associate Research Associate (June '04–) IMS Fellow (April '04–) IMS Fellow (April '04–) Graduate Student (April '04–) Graduate Student (–March '04) Research Fellow (April '04–) Post-Doctoral Fellow (Institute of Research and Innovation) (–March '04) Research Fellow (April '04–)

Associate Professor (from Tohoku University) Research Associate (from Chiba University)

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OKAMOTO, Masayuki

TUN, Lwin

KOMATU, Jun

KINOSHITA, Youhei

SUNG, Bongjo

YOGI, Osamu

SUZUKI, Masanori

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FUJIWARA, Masao

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DUNIN-BARKOVSKIY, Lev UECHI, Ichiro

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UIVSOR Facility KOSUGI, Nobuhiro KATOH, Masahiro

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COUPRIE Marie-Emmanuelle

HOSAKA, Masahito MOCHIHASHI, Akira ITO,Takahiro HIKOSAKA, Yasumasa SAKURAI, Yoko NISHI, Tatsuhiko IM, Hojun

Safety Office

OGAWA, Takuji

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Professor (from Toyohashi University of Technology) (-March'04) Graduate Student (from Toyohashi University of Technology)* (-March'04)

Professor (from Hiroshima University) (-March '04) Associate Professor (from Shizuoka University) (-March '04) Research Associate (from Hiroshima University) (-March '04) Research Associate (from Utsunomiya University) (-March '04) IMS Fellow Graduate Student (from Hiroshima University)* (-March '04)

Director (-March '04) Director (April '04-) Associate Professor (-March '04)

Director Associate Professor (-December '03); Professor (January (04–) Associate Professor Associate Professor Visiting Associate Professor (from Photon Factory) Visiting Professor (from Sungkyunkwan University) (September '03–August '04) Visiting Professor (from Commissariat à l'Énergie Atomique) (June-September '04) Research Associate **Research Associate Research Associate** Research Associate (April '04-) IMS Fellow (April '04–) Graduate Student Graduate Student

Director, Professor (Research Center for Molecular-scale Nanoscience, concurrently) (April '04–) Research Associate (June '04–) Research Associate (Research Center for Molecular-scale Nanoscience, concurrently) (June '04–)

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Department of Bio-environmental Science KITAGAWA, Teizo HAYASHIZAKI, Yoshihide

YAMATO, Takehisa

UCHIDA, Takeshi NAGATOMO, Shigenori

TOSHA, Takehiko

KUBO, Minoru WALKER, Gilbert Creighton

KOZLOWSKI, Pawel

MAHINAY, Myrna Sillero GU, Yuzong VAROTSIS, Constantinos

KIM, Younkyoo

EL-MASHTOLY, Samir F. OHTA, Takehiro NAGANO, Yasutomo HIRAMATSU, Hirotsugu PAL, Biswajit GAO, Ying LI, Jiang LV, Ming

Research Center for Computational Science NAGASE, Shigeru OKAZAKI, Susumu MORITA, Akihiro Professor Professor Visiting Professor (from Shahjalal University of Science and Technology, Bangladesh) (October '03–January '04) Associate Professor **Research Associate** Research Associate (November '03-) IMS Fellow IMS Fellow JSPS Post-Doctoral Fellow JSPS Post-Doctoral Fellow Post-Doctoral Fellow (-September '03) Post-Doctoral Fellow Post-Doctoral Fellow Post-Doctoral Fellow (April '04-) Research Fellow Graduate Student (from Waseda University)* Graduate Student Graduate Student Graduate Student Graduate Student Graduate Student Graduate Student

Professor Visiting Professor (from RIKEN Genomic Sciences Center) (April '04–) Visiting Associate Professor (from Nagoya University) (-March '04) **Research Associate** Technical Associate (-September '03); Research Associate (October '03–November '03)¹⁴⁾ Post-Doctral Fellow (-January '04); JSPS Post-Doctoral Fellow (April '04-) IMS Fellow (April '04-) Visiting Scientist; JSPS Invited Fellow (-September '03), Visiting Scientist (from University of Pittsburgh, USA) (October '03–January '04) Visiting Scientist; JSPS Invited Fellow (from University of Louisville, USA) (April-August '04) Visiting Scientist; JSPS Post-Doctoral Fellow Visiting Scientist; JSPS Post-Doctoral Fellow (July '04–) Visiting Scientist; MONKASHO Invited Fellow (from University of Crete, Greece) (-October '03) Visiting Scientist (from Hankuk University of Foreign Studies, Korea) (December '03–February '04) Visiting Scientist (July '04-) JSPS Post-Doctoral Fellow JSPS Post-Doctoral Fellow JSPS Post-Doctoral Fellow Post-Doctoral Fellow (November '03-August '04) Graduate Student Graduate Student

Graduate Student

Director (Department of Theoretical Molecular Science) Professor Associate Professor (January '04–) NANBU, Shinkoh

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