ORGANIZATION AND STAFF

Organization

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

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

Department of Theoretical Studies Theoretical Studies I

Theoretical Studies II Theoretical Studies III¹⁾ Theoretical Studies IV

Department of Molecular Structure Molecular Structure I

Molecular Structure II¹⁾ Molecular Dynamics Excited State Chemistry

Department of Electronic Structure Excited State Chemistry
Excited State Dynamics

Electronic Structure¹⁾
Molecular Energy Conversion²⁾

Department of Molecular Assemblies Solid State Chemistry

Molecular Assemblies Dynamics

Molecular Assemblies¹⁾

Department of Applied Molecular Science Applied Molecular Science I

Applied Molecular Science II¹⁾

Molecular Clusters³⁾ Photochemistry

Department of Vacuum UV Photoscience Photochemistry
Chemical Dynamics

Interface Molecular Science³⁾

Synchrotron Radiation Research²⁾
Synthetic Coordination Chemistry³⁾

Complex Catalysis

Functional Coordination Chemistry

Coordination Bond¹⁾

The research facilities are:

Computer Center

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 Materials Organic Materials Section

Hybrid Materials Section

Materials Characterization Section

Structure Control Section

Equipment Development Center

Coordination Chemistry Laboratories

UVSOR (Ultraviolet Synchrotron Orbital Radiation) Facility

- 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

KAYA, Koji Professor, Director-General

Emeritus Professors

NAGAKURA, Saburo President, The Kanagawa Academy of Science and

Technology

HIROTA, Eizi President, The Graduate University for Advanced Studies

KIMURA, Katsumi MOROKUMA, Keiji Professor, Emory University, U.S.A.

INOKUCHI, Hiroo Distinguished Research Consultant, Institute for Molecular

Science

MARUYAMA, Yusei Professor, Hosei University

YOSHIHARA, Keitaro Professor, Japan Advanced Institute of Science and

Technology

HANAZAKI, Ichiro Professor, Hiroshima University

IWAMURA, Hiizu Professor, National Institute for Academic Degrees

Department of Theoretical Studies

Theoretical Studies I

IWATA, Suehiro Professor

OKAMOTO, Yuko Associate Professor IKEGAMI, Tsutomu Research Associate SUGITA, Yuji Research Associate TSURUSAWA, Takeshi Technical Associate

KOVALENKO, Andriy F. Research Associate of Research for the Future Program NISHIKAWA, Takeshi Research Associate of Research for the Future Program

(October '98–)

ITOH, Masakatsu Research Associate of Research for the Future Program

(April '99-)

CHEN, Feiwu IMS Fellow (–March '99), Research Fellow (April '99–) BAECK, Kyong-Koo Visiting Scientist (from Kang-Nung National University,

Korea); MONBUSHO Invited Fellow (December

'98-February '99)¹⁾

SUTCLIFFE, Brian T. Visiting Scientist (from University of York, UK); MONBUSHO Invited Fellow (March–June '99)²⁾

LEE, Sang Yeon

Visiting Scientist (from Kyungpook National University,
Korea); MONBUSHO Invited Fellow (July–August '99)³⁾

SATOH, Katsuhiko JSPS Post-Doctoral Fellow

HIRATA, So Graduate Student (-September '98), JSPS Post-Doctoral

Fellow (October '98–March '99)⁴⁾ Research Fellow (April '99–) Graduate Student (–March '99)⁵⁾

BANDYOPADHYAY, Pradipta Graduate Student MITSUTAKE, Ayori Graduate Student

SUZUKI, Tadayoshi Graduate Student (-March '99)

OHTSUKA, Hiroshi Graduate Student OKADA, Kazutoshi Graduate Student

NELSON, Alistair David

Graduate Student (from University of Edinburgh, UK)*

(July–August '99); MONBUSHO Research Fellowship⁶⁾

ENGLAND, James Arthur

Graduate Student (from University of Surrey, UK)*

Graduate Student (from University of Surrey, UK)* (July–August '99); MONBUSHO Research Fellowship⁷⁾

Theoretical Studies II

HASHIMOTO, Tomohiro

NAKAMURA, Hiroki Professor

TANIMURA, Yoshitaka Associate Professor ZHU, Chaoyuan Research Associate OKUMURA, Ko Research Associate SUZUKI, Yoko Technical Associate

MIYAZAKI, Kunimasa IMS Fellow

MARUYAMA, Yutaka Graduate Student (–September '98), Research Fellow (October '98–December '98), IMS Fellow (January–March

⁹⁹⁾⁸⁾

MISHIMA, Kenji IMS Fellow (April '99–)

OSHEROV, Vladimir Iosifovich Visiting Scientist (from Russian Academy of Sciences,

Russia) (December '98–March '99)⁹⁾

SHIN, Seokmin Visiting Scientist (from Seoul National University, Korea);

MONBUSHO Invited Fellow (January–March '99)¹⁰⁾

MIL'NIKOV, Gennady V. Visiting Scientist (from Institute of Structural

Macrokinetics, Russia); JSPS Post-Doctoral Fellow (March

'99–)¹¹⁾

USHAKOV, Valdimiv G. Visiting Scientist (from Russian Academy of Sciences,

Russia); (February–March '99)¹²⁾

HORACEK, Jiri Visiting Scientist (from Charles University, Czech Rep.)

(July '99)¹³⁾

IMAMURA, Yutaka Graduate Student (-March '99), JSPS Post-Doctoral Fellow

(April '99–)

TERANISHI, Yoshiaki Graduate Student (–March '99)¹⁴⁾

PICHL, Lukas Graduate Student
NAGAYA, Kuninobu Graduate Student
KAMISAKA, Hideyuki Graduate Student
HINO, Osamu Graduate Student

Theoretical Studies III

IKEDA, Kensuke Visiting Professor (from Ritsumeikan University) (–March

'99

TANAKA, Hideki Visiting Professor (from Okayama University) (April '99–) KIMURA, Mineo Visiting Associate Professor (from Yamaguchi University)

(-March '99)

HASHIMOTO, Kenro Visiting Associate Professor (from Tokyo Metropolitan

University) (April '99–)

TEN-NO, Seiichiro Research Associate (–August '99)¹⁵⁾
NOBUSADA, Katsuyuki Research Associate (–December '98)¹⁶⁾

Theoretical Studies IV

YONEMITSU, Kenji

KISHINE, Jun-ichiro

KUWABARA, Makoto

SATO, Hirofumi

ASHOK, Sethia

HIRATA, Fumio Professor

TEMBE, Bhalachandra Laxmanrao Visiting Professor (from I. I. T. Bombay, India) (November

'98–March '99)¹⁷⁾
Associate Professor
Research Associate
Research Associate

IMS Fellow IMS Fellow

AKIYAMA, Ryo JSPS Post-Doctoral Fellow

OGAWA, Takuhiro JSPS Post-Doctoral Fellow (–March '99)

MORI, Michiyasu JSPS Post-Doctoral Fellow

IMAI, Takashi Graduate Student

HARANO, Yuichi Graduate Student (from Kobe University)*

YAMAZAKI, Takeshi Graduate Student (April '99–) MIYASHITA, Naoyuki Graduate Student (April '99–)

Department of Molecular Structure

Molecular Structure I

TAMASSIA, Filippo

SAITO, Shuji Professor (-March '99)¹⁸⁾
MORITA, Norio Associate Professor
MORIWAKI, Yoshiki Research Associate

FUJIWARA, Hideo Research Associate (–April '99)¹⁹⁾

KUMAKURA, Mitsutaka Technical Associate

KOBAYASHI, Kaori Technical Associate (–April '99)²⁰⁾

WHITHAM, Christopher, J. Visiting Scientist (from Physical and Theoretical Chemistry

Laboratory, U.K.) (October '98–March '99)²⁰⁾

Visiting Scientist (from Physical and Theoretical Chemistry

Laboratory, U.K.) (August–September '99)²¹⁾

ARAKI, Mitsunori Graduate Student (–March '99)²²⁾

Molecular Structure II

TANIMOTO, Mitsutoshi Visiting Professor (from Shizuoka University) (–March

[']99)²³⁾

AKASAKA, Takeshi Visiting Professor (from Niigata University) (April '99–) TSUBAKI, Motonari Visiting Associate Professor (from Himeji Institute of

Technology)

OZEKI, Hiroyuki Research Associate (–March '99)²⁴⁾

Molecular Dynamics

KITAGAWA, Teizo Professor

KATO, Tatsuhisa
Associate Professor
MATSUSHITA, Michio
Research Associate
MIZUTANI, Yasuhisa
Research Associate
HAYASHI, Naoki
Technical Associate
NAGATOMO, Shigenori
Technical Associate

UESUGI, Yuki IMS Fellow (–March '99)²⁵⁾

UCHIDA, Takeshi IMS Fellow (-March '99), JSPS Post-Doctral Fellow (April

,99_

PRONIEWICZ, Leonard M. Visiting Scientist; MONBUSHO Invited Fellow (from

Jagiellonian University, Poland) (December '98–March

[']99)²⁶⁾

KIM, Younkyoo Visiting Scientist; MONBUSHO Invited Fellow (from

Hankuk University of Foreign Studies, Korea) (June '99–) Visiting Scientist; JSPS Post-Doctral Fellow (from Tata

Institute of Fundamental Research, India)

HU, Ying Visiting Scientist; JSPS Post-Doctral Fellow (from Fudan

University, China) (December '98-)

CHU, Grace C. Visiting Scientist (from Case Western Reserve University

School of Medicine, U.S.A.) (July–August '99)²⁷⁾

IWASE Tadashi Graduate Student (-March '99), Research Fellow (April

'99–)

AKI, Michihiko Graduate Student YAMAMOTO, Kohji Graduate Student HARUTA, Nami Graduate Student

OKUNO, Daichi Graduate Student (April '99–) OKUBO, Shingo Graduate Student (April '99–)

Department of Electronic Structure

NAKUL, Chandra M.

Excited State Chemistry
NISHI, Nobuyuki

WATANABÉ, Kazuya Research Associate (–March '99)²⁸⁾

NAKABAYASHI, Takakazu Research Associate

WATANABE, Kazuo Technical Associate (–November '98)²⁹⁾
ANAZAWA, Toshihisa JSPS Post-Doctoral Fellow (–February '99)³⁰⁾

KOSUGI, Kentaroh Graduate Student

OHTA, Michiharu Graduate Student (-March '99)³¹⁾

KODAMA, Yoichi Graduate Student (from Tsukuba University)* (-March

Professor

'99)

Excited State Dynamics

KOHGUCHI, Hiroshi

FUJII, Masaaki Professor

MÜLLER-DETHLEFS, Klaus Visiting Professor (from The University of York, U.K.)

(July '99–)

SUZUKI, Toshinori Associate Professor

CHOI, Jong-Ho Visiting Associate Professor (from Korean University,

Korea) (July '99–) Research Associate

SAKAI, Makoto Research Associate (November '98–)

KATAYANAGI, Hideki Technical Associate
SAEKI, Morihisa IMS Fellow (April '99–)

MO, Yuxiang

JSPS Post-Doctoral Fellow (–March '99)³²⁾

WANG, Li

Visiting Scientist (from Dalian Institute of Chemical

Physics, China)

SHIBATA, Takeshi Graduate Student (–March '99)³³⁾

ISHIUCHI, Shun-ichi Graduate Student

YOKOYAMA, Hiroshi Graduate Student (from Waseda University) * (-March

^{'99})³⁴⁾

YOSHIDA, Keigo Graduate Student (from Waseda University) * (-March

99)35

HOSSAIN, Delwar Graduate Student (October '98–) TSUBOUCHI, Masaaki Graduate Student (April '99–)

Electronic Structure

MATSUMOTO, Yoshiyasu TAKAYANAGI, Masao

TAMAI, Naoto

INOKUCHI, Yoshiya

Molecular Energy Conversion

MARKOSYAN, Ashot Surenovich

BU, Xian-He

OSHEROV, Vladimir Iosifovich

Visiting Professor (from GUAS)

Visiting Associate Professor (from Tokyo University of

Agriculture and Technology) (–March '99)³⁶⁾

Visiting Associate Professor (from Kwansei Gakuin

University) (April '99–) Research Associate

Visiting Professor (from M. V. Lomonossov Moscow State

University, Russia) (April '99–)

Visiting Associate Professor (from Nankai University,

China) (December '98–June '99)⁶⁵⁾

Visiting Associate Professor (from Institute for Chemical Physics Rsearch Russian Academy of Sciences, Russia)

(July '99-)

Department of Molecular Assemblies

Solid State Chemistry

YAKUSHI, Kyuya NAKAMURA, Toshikazu NAKAZAWA, Yasuhiro IMAEDA, Ken-ichi YAMAMOTO, Kaoru URUICHI, Mikio MAKSIMUK, Mikhail TSUKADA, Hiroshi NAKANO, Chikako YONEHARA, Yukako OUYANG, Jianyong

DING, Yuqin SIMONYAN, Mkhitar

Molecular Assemblies Dynamics

KOBAYASHI, Hayao MIYAJIMA, Seiichi OGATA, Hironori FUJIWARA, Hideki OISHI, Osamu

NARYMBETOV, Bakhyt TANAKA, Hisashi ADACHI, Takafumi SATO, Akane OJIMA, Emiko

Molecular Assemblies

NOGAMI, Takashi TAKEDA, Sadamu TOKUMOTO, Madoka

MORI, Takehiko

HASEGAWA, Shinji

Professor

Associate Professor Research Associate

Research Associate (-August '99)³⁷⁾ Research Associate (April '99-)

Technical Associate
IMS Fellow (October '98–)
IMS Fellow (April '99–)
Research Fellow

Graduate Student (-March '99)

Graduate Student

Graduate Student (October '98–) Visiting Scientist (–March '99)³⁸⁾

Professor

Associate Professor (-March '99)³⁹⁾

Research Associate Research Associate Technical Associate

Visiting Scientist; JSPS Post-Doctoral Fellow JSPS Post-Doctoral Fellow (April '99–)

Research Fellow

Graduate Student (-March '99)⁴⁰⁾

Graduate Student

Visiting Professor (-March '99)⁴¹⁾

Visiting Associate Professor (–March '99)⁴²⁾

Visiting Professor (from Electrotechnical Laboratory)

(April '99–)

Visiting Associate Professor (from Tokyo Institute of

Technology) (April '99–) Research Associate

Department of Applied Molecular Science

Applied Molecular Science I WATANABE, Yoshihito INOUE, Katsuya

Professor

Associate Professor

OZAKI, Shin-ichi Research Associate (-May '99)⁴³⁾

HOSOKOSHI, Yuko Research Associate

IMS Fellow (-March '99); JSPS Post-Doctoral Fellow KUMAGAI, Hitoshi

(April '99-)

IMS Fellow (-March '99)44) HAYAMI, Shinya MATSUI, Toshitaka JSPS Post-Doctoral Fellow

ROACH, Mark Visiting Scientist; JSPS Post-Doctoral Fellow TANAKA, Motoko

Visiting Scientist (from The University of Tokyo) (April

KATOH, Keiichi Visiting Scientist (from The University of Tokyo) YAMAHARA, Ryo Visiting Scientist (from Nagoya Institute of Technology)

(March '98-)

Visiting Scientist (from University of Mumbai, India) GHALSASI, Prasanna S.

(April '99–)

Graduate Student (-March '99)⁴⁵⁾ GOTO, Yoshio

MAKIHARA, Nobuyuki Graduate Student IWAHORI, Fumiyasu Graduate Student

Graduate Student (-March '99)⁴⁶⁾ KUGA, Takako

YANG, Huijun Graduate Student SUZUKI, Kentaro Graduate Student HARA, Isao Graduate Student

Applied Molecular Science II

ARAKAWA, Ichiro Visiting Professor (from Gakushuin University) MISAKI, Yoji Visiting Associate Professor (from Kyoto University) OGO, Seiji

Research Associate

Molecular Clusters

MIYOSHI, Eisaku Professor

TANAKA, Keiichi Associate Professor NAGATO, Kenkichi Associate Professor HARADA, Kensuke Research Associate GHOSH, Tapas K. IMS Fellow MIZOGUCHI, Asao IMS Fellow

JSPS Post-Doctoral Fellow (-August '99)⁴⁷⁾ BAILLEUX, Stephane SUMI, Tomonari JSPS Post-Doctoral Fellow (April '99-)

Department of Vacuum UV Photoscience

Photochemistry

KOSUGI. Nobuhiro Professor

TAHARA, Tahei Associate Professor TAKATA, Yasutaka Research Associate TAKEUCHI, Satoshi Research Associate ADACHI, Jun-ichi Technical Associate

MIZUNO, Misao Technical Associate (April '99-)

Visiting Scientist; MONBUSHO Invited Fellow (from ÅGREN, Hans Arvid

Linköping University, Sweden) (November '98–January

[,]99)⁴⁸⁾

Visiting Scientist; JSPS Post-Doctoral Fellow (November ARZHANTSEV, Sergei Yur'evich

'98-)

JSPS Post-Doctoral Fellow (April '99–) FUJINO, Tatsuya

PETTERSSON, Lars Gunnar Moody Research Fellow (from Stockholm University, Sweden)

(February '99–March '99)⁴⁹⁾ Graduate Student (-March '99)⁵⁰⁾ Graduate Student (April '99-)

Chemical Dynamics

HATSUI. Takaki FUJIYOSHI, Satoru

URISU, Tsuneo Professor

MITSUKE, Koichiro Associate Professor

MASE, Kazuhiko Research Associate (-July '99)⁵¹⁾

MIZUTANI, Masakazu Research Associate

Technical Associate (-March '99)⁵²⁾ NAGASONO, Mitsuru Technical Associate (-December '98)⁵³⁾ HATTORI, Hideo MIYAMAE, Takayuki

IMS Fellow (-March '99)⁵⁴⁾

ONO, Masaki IWASAKI, Kota

MEKARU, Harutaka

HIRANO, Shinya NIIKURA, Hiromichi NODA, Hideyuki YOSHIMURA, Daisuke AZUMA, Yasushi

Interface Molecular Science

UENO, Nobuo KUROSAWA, Kou SAKURAI, Makoto NAGAOKA, Shin-ichi FUKUI, Kazutoshi MATSUMOTO, Masuaki NONOGAKI, Youichi TAKASHIMA, Yoshifumi TAKEZOE, Noritaka YANAGITA, Hideaki MIURA, Hiroshi SAKAKIBARA, Tsutomu

Synchrotron Radiation Research UMAPATHY, Siva

ULANSKI, Jacek Pawel

Pettersson, Lars Gunnar Moody

GAO, Yongli

SEIJO, Luis

Coordination Chemistry Laboratories TANAKA, Koji

Synthetic Coordination Chemistry

NISHIDA, Yuzo
TSUJI, Yasushi
EBIHARA, Masahiro
OZAWA, Tomohiro
KUMITA, Hideyuki
KOBAYASHI, Teruyuki
OKUTSU, Wataru
TAKAHASHI, Yasuyuki
NISHINO, Satoshi
KUNITA, Mami

Complex Catalysis

SHIONOYA, Mitsuhiko SAKURAI, Hiromu MIZOBE, Yuji

TANAKA, Kentaro TASAKA, Motoyuki MORISHITA, Hiromasa SHIGEMORI, Kazuki HATANO, Akihiko CAO, Honghua IMS Fellow (April '99-)

Visiting Scientist (-March '99), JSPS Post-Doctoral Fellow

(April '99–)

Graduate Student (-March '99), Reseach Fellow (April

'99–)

Graduate Student (-March '99)⁵⁵⁾

Graduate Student Graduate Student

Graduate Student (from Nagoya University)* Graduate Student (from Chiba University)*

Professor (–March '99)⁵⁶⁾ Professor (April '99–)

Associate Professor (-March '99)⁵⁷⁾ Associate Professor (April '99-) Associate Professor (April '99-) Research Associate (-March '99)⁵⁸⁾ Research Associate (-March '99)⁵⁹⁾ Research Associate (April '99-) IMS Fellow (April '99-)

Graduate Student (from Miyazaki University)* Graduate Student (from Fukui University)* Graduate Student (from Miyazaki University)*

Visiting Professor (from Indian Institute of Science, India)

(September '98–February '99)⁶⁰⁾

Visiting Professor (from Technical University of Lodz,

Poland) (March–August '99)⁶¹⁾

Visiting Associate Professor (from Stockholm University,

Sweden) (-January '99)⁴⁹⁾

Visiting Associate Professor (from University of Rochester,

USA) (February–July '99)⁶²⁾

Visiting Associate Professor (from University Autonoma de

Madrid, Spain) (August '99-)63)

Director

Professor

Associate Professor (–October '98)⁶⁴⁾ Associate Professor (April '99–)

Research Associate

Graduate Student (from Nagoya Institute of Technology)*

Graduate Student (from Yamagata University)* Graduate Student (from Yamagata University)*

Professor (-April '99)⁶⁵⁾

Visiting Professor (from Kyoto Pharmaceutical University) Visiting Associate Professor (from the University of

Tokyo

Research Associate (-May '99)⁶⁵⁾ Graduate Student (-May '99)⁶⁵⁾ Functional Coordination Chemistry

TANAKA, Koji Professor

FUJITA, Makoto Associate Professor (-April '99)⁶⁶⁾

TSUGE, Kiyoshi Research Associate

KUSUKAWA, Takahiro Research Associate (-April '99)⁶⁶⁾

MIZUKAWA, Tetsunori Technical Associate

SUGIMOTO, Hideki IMS Fellow (–March '99)⁶⁷⁾ SAKAMOTO, Youichi IMS Fellow (–January '99)

YU, Shu-yan Visiting Scientist; JSPS Post-Doctral Fellow (–August

99)66

BIRADHA, Kumar Visiting Scientist; JSPS Post-Doctral Fellow

(October-August '99)⁶⁶⁾

AOYAGI, Masaru Graduate Student (-August '99)⁶⁶⁾
IBUKURO, Fumiaki Graduate Student (-August '99)⁶⁶⁾

ALI, Md. Meser Graduate Student (from Mie University)* (–April '99)⁶⁸⁾

WADA, Toru Graduate Student

ITO, Hirokazu Graduate Student (-August '99)⁶⁶ UMEMOTO, Kazuhiko Graduate Student (-August '99)⁶⁶ FUJITA, Norifumi Graduate Student (-August '99)⁶⁶

HOSSAIN, Delower Md. Graduate Student (from Mie University)* (-August '99)

TOMON, Takashi Graduate Student (April '99–)

Coordination Bond

ADACHI, Ginya Visiting Professor (from Osaka University) (–March '99) TOBITA, Hiromi Visiting Associate Professor (from Tohoku University)

(-March '99)

AIDA, Takuzo Visiting Professor (from the University of Tokyo) (April

'99–)

HAMACHI, Itaru Visiting Professor (from Kyusyu University) (April '99–)

Research Facilities

Computer Center

IWATA, Suehiro Director

AOYAGI, Mutsumi

NANBU, Shinkoh

TAKAMI, Toshiya

MINAMINO, Satoshi

Associate Professor
Research Associate
Research Associate
Technical Associate

ITO, Masakatsu IMS Fellow (–March '99)⁶⁹⁾

HIROTSU, Masakazu Research Fellow (–October '98), IMS Fellow (October

'98-February '99)

GRAY, Stephen K. Visiting Scientist (from Argonne National Laboratory,

U.S.A.) (May–June '99)

CHUNG, Gyusung Visiting Scientist (from Konyang University, Korea)

(June-July '99)

NISHIKAWA, Takeshi Graduate Student (from Keio University) (–October '98)⁶⁹⁾

KINOSHITA, Tomoko Graduate Student

Laser Research Center for Molecular Science

SAITO, Shuji Director (-March '99) FUJII, Masaaki Director (April '99-)

Advanced Lasers for Chemical Reaction Studies

SATO, Shin-ichiro Associate Professor

WATANABE, Kazuo Research Associate (December '98–)

Advanced Lasers for Synchrotron Radiation Applications

SARUKURA, Nobuhiko
OHTAKE, Hideyuki
IZUMIDA, Shinji
LIU, Zhenlin

Associate professor
Research Associate
Graduate Student
Graduate Student

KAWAHATA, Eiji Graduate Student (April '99–) KOZEKI, Toshimasa Graduate Student (April '99–) ONO, Shingo Graduate Student (September '98–) Advanced UV and IR Tunable Lasers

TAIRA, Takunori Associate Professor

KURIMURA, Sunao Research Associate (March '99–)

SHOJI, Ichiro IMS Fellow (April '99–)

PAVEL, Nicolaie Visiting Scientist; JSPS Post-Doctoral Fellow (March '99–)

SAIKAWA, Jiro Graduate Student

SATO, Yoichi Graduate Student (April '99–)

Research Center for Molecular Materials

KOBAYASHI, Hayao Director (-March '99) WATANABE, Yoshihito Director (April '99–) KUWAHARA, Daisuke Research Associate

Organic Materials Section

YAMASHITA, Yoshiro Associate Professor TANAKA, Shoji Research Associate TOMURA, Masaaki Technical Associate

ZAMAN, Mohammed Badruz IMS Fellow (November '98–)

SUZUKI, Kazuharu Graduate Student

Hybrid Materials Section

FUJII, Hiroshi Associate Professor

FUNAHASHI, Yasuhiro Research Associate (March '99–) MIZUTANI, Mamoru IMS Fellow (April '99–)

Materials Characterization Section

NAGATA, Toshi Associate Professor

ITO, Hajime Research Associate (March '99–)

KIKUZAWA, Yoshihiro Graduate Student

Structure Control Section

SUZUKI, Toshiyasu Associate Professor

SAKAMOTO, Youichi Research Associate (January '99–) HEIDENHAIN, Sophie Visiting Scientist (July '99–)

Equipment Development Center

KITAGÂWA, Teizo Director (-March '99)
YAKUSHI, Kyuya Director (April '99-)
WATANABE, Michio Associate Professor
ASAKA, Shuji Research Associate

Ultraviolet Synchrotron Orbital Radiation Facility

KOSUGI, Nobuhiro Director

KAMADA, Masao Associate Professor

SHIGEMASA, Eiji Associate Professor (May '99–)

KINOSHITA, Toyohiko Associate Professor (–November '98)⁷⁰⁾
HAMA, Hiroyuki Associate Professor (–September '99)⁷¹⁾
TANAKA, Hitoshi Visiting Associate Professor (–March '99)⁷²⁾

KIMURA, Shin-ichi Visiting Associate Professor (from Kobe University) (April

'99_)

TANAKA Shin-ichiro Research Associate
HOSAKA Masahito Research Associate
GEJO, Tatsuo Research Associate
KOUDA, Shigeru Research Associate

HARUYAMA Yuichi IMS Fellow (–January '99)⁷³⁾ NATH, Krishna G. Graduate Student (–March '99)⁷⁴⁾

^{*} Carries out graduate research of IMS on Cooperative Education Program of IMS with other graduate schools.

Technical Staff

SAKAI, Kusuo Technical Division Head MATSUDO, Osamu **Technical Section Chief** KATO, Kiyonori **Technical Section Chief** NISHIMOTO, Fumio **Technical Section Chief**

HORIGOME, Toshio Technical Section Chief (-September '98)⁷⁵⁾

YAMANAKA, Takaya **Technical Section Chief**

KINOSHITA, Toshio Electronic Structure (Unit Chief)

Computer Center (-May '99), Unit Chief (June '99-) MIZUTANI, Fumiyasu

TESHIMA, Fumitsuna Computer Center NAITO, Shigeki Computer Center

NAGATA, Masaaki Research Center for Molecular Materials (Unit Chief) YOSHIDA, Hisashi Research Center for Molecular Materials (Unit Chief)

NOMURA, Sachiyo Research Center for Molecular Materials SAKAI, Masahiro Research Center for Molecular Materials Research Center for Molecular Materials TAKAYAMA, Takashi MIZUTANI, Nobuo Equipment Development Center (Unit Chief)

SUZUI, Mitsukazu Equipment Development Center (Unit Chief) (October

Equipment Development Center (-September '98)⁷⁵⁾ TORII, Tatsuharu

UCHIYAMA, Kouichi **Equipment Development Center** TOYODA, Tomonori **Equipment Development Center** YANO, Takayuki **Equipment Development Center** KONDOU, Takuhiko **Equipment Development Center**

Equipment Development Center (October '98-) KOBAYASHI, Kazuhiro HAYASHI, Kenji UVSOR Facility (-May '99), Equipment Development

Center (June '99-)

UVSOR Facility (Unit Chief) HASUMOTO, Masami

YAMAZAKI, Jun-ichiro **UVSOR** Facility

NAKAMURA, Eiken UVSOR Facility (June '99-)

KONDO, Naonori **UVSOR** Facility

List of Present Addresses

- 1) Department of Chemistry, Kang-Nung, University Kang-Nung 210-702, Korea
- 2) Laboratoire de Chimie, Physique Moleculaire, Faculte des Sciences, Universite Libre de Bruxelles, 50 av F. D. Roosevelt, 050 Bruxelles, Belgium
- 3) Department of Industrial Chemistry, Kyungpook National University, 1370 Sankyuk-dong, Puk-ku, Taegu, 702-701 S. Korea
- 4) Quantum Theory Project, University of Florida, Gainesville, FL 32611-8435, U.S.A.
- 5) Department of Chemistry, Iowa State University, AMES, IA 50011, U.S.A.
- 6) Department of Chemistry, Univ. of Edinburgh, West Mains Road, Edinburgh, U.K.
- 7) Deptartment of Chemistry, University of Surrey, Guildford, Surrey GU2 5XH, U.K.
- 8) School of informatics and sciences, Nagoya University, Nagoya 464-8601
- 9) Department of Electronic Structure, IMS
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