

WE WELCOME YOU TO JAPAN.

Kansai University



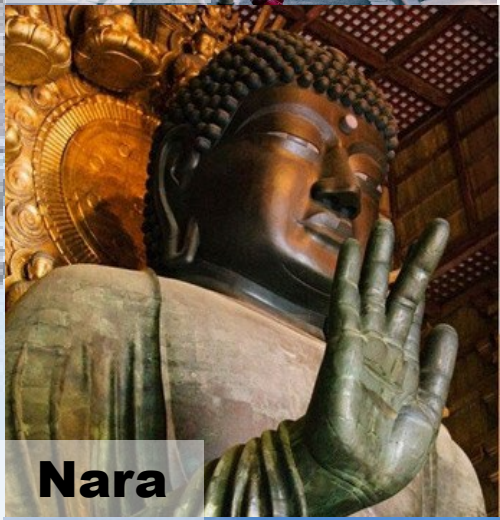


Location

20 min from Central Osaka



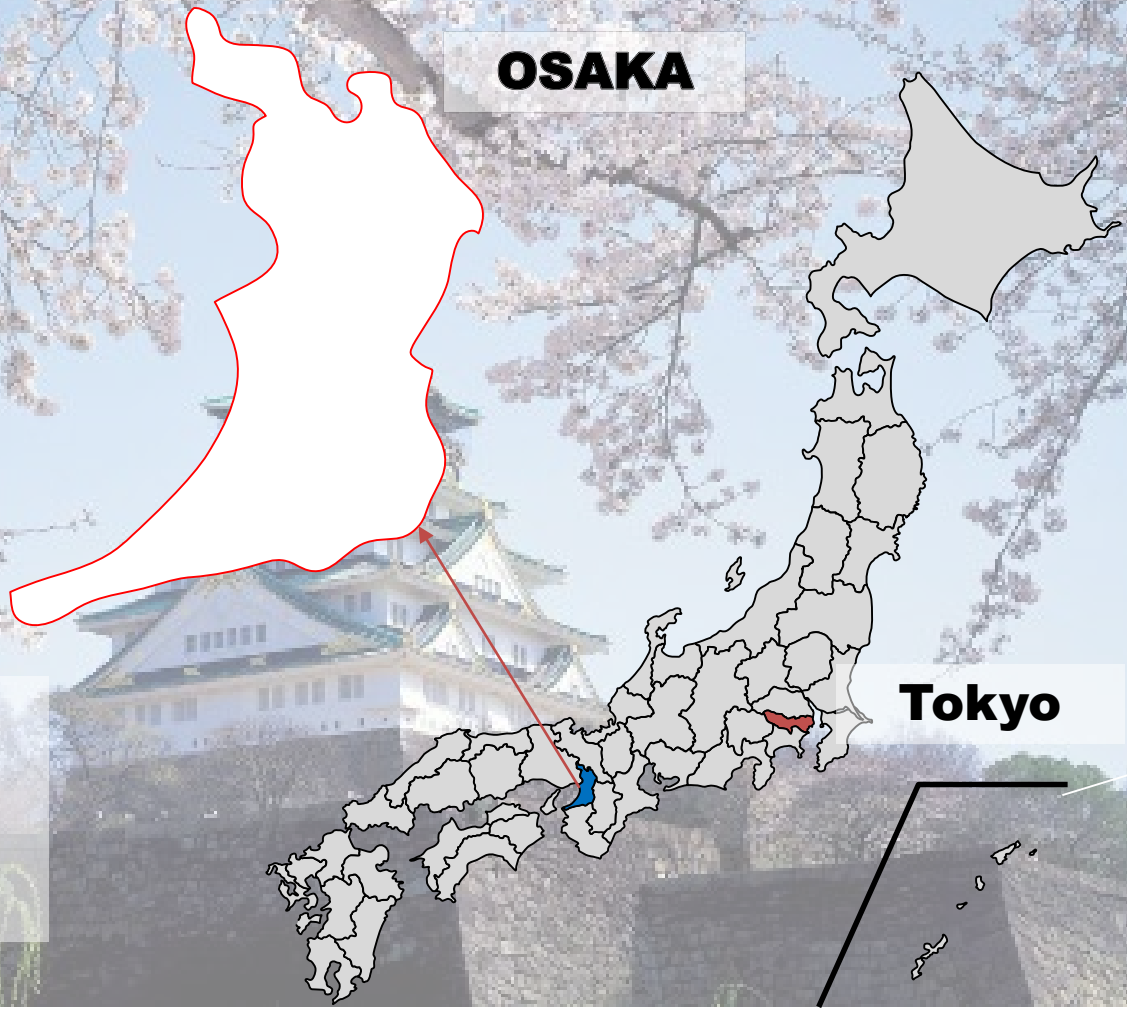
Kyoto



Nara

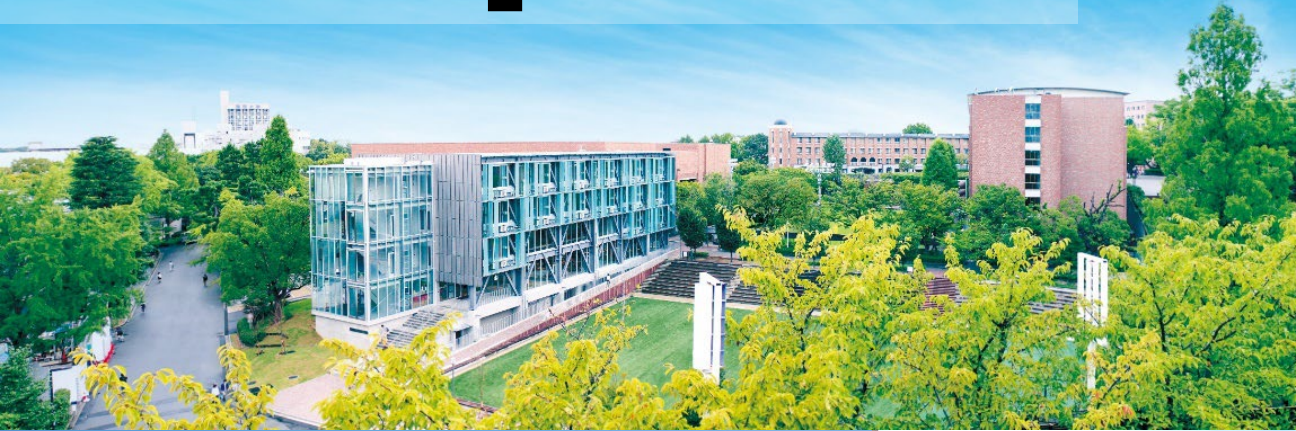


Kobe



Kyoto	: 60 min
Nara	: 90 min
Hyogo(Kobe)	: 60 min

Campuses



- **Senriyama Campus**
- **Takatsuki Campus**
- **Takatsuki Muse Campus**
- **Umeda Campus**
- **Sakai Campus**
- **Suita Mirai Campus(new!)**





14 Undergraduate Schools (14 faculties as of April 2025)

- ✓ Law
- ✓ Letters
- ✓ Economics
- ✓ Informatics
- ✓ Sociology
- ✓ Policy Studies
- ✓ Foreign Language Studies
- ✓ Health and Well-being
- ✓ Business & Commerce
- ✓ Societal Safety Sciences

Japanese-based Program **ONLY**

- ✓ **Engineering Science**
- ✓ **Environmental and Urban Engineering**
- ✓ **Chemistry, Materials and Bioengineering**
- ✓ **Business Data Science** (established on April 2025)



13 Graduate Schools + 2 Professional Schools

- ✓ Law
- ✓ Letters
- ✓ Economics
- ✓ Business & Commerce
- ✓ Sociology
- ✓ Informatics
- ✓ **Science and Engineering**
- ✓ Foreign Language Education and Research
- ✓ Psychology
- ✓ Societal Safety Sciences
- ✓ East Asian Cultures
- ✓ Governance
- ✓ Health and Well-being
- ✓ School of Law
- ✓ School of Accountancy

Entrance Examination Screening &
Application Method / Schedule

English-based Program



Japanese-based Program



Science and Engineering



✓ **Engineering Science Major**

- **Mathematics**
- **Pure and Applied Physics**
- **Mechanical Engineering**
- **Electrical, Electronic and Information Engineering**
- **Green Electronics / 2026.4-**

✓ **Environmental and Urban Engineering Major**

- **Architecture**
- **Civil, Environmental and Applied Systems Engineering**
- **Chemical, Energy and Environmental Engineering**

✓ **Chemistry, Materials and Bioengineering Major**

- **Chemistry and Materials Engineering**
- **Life Science and Biotechnology**

Website



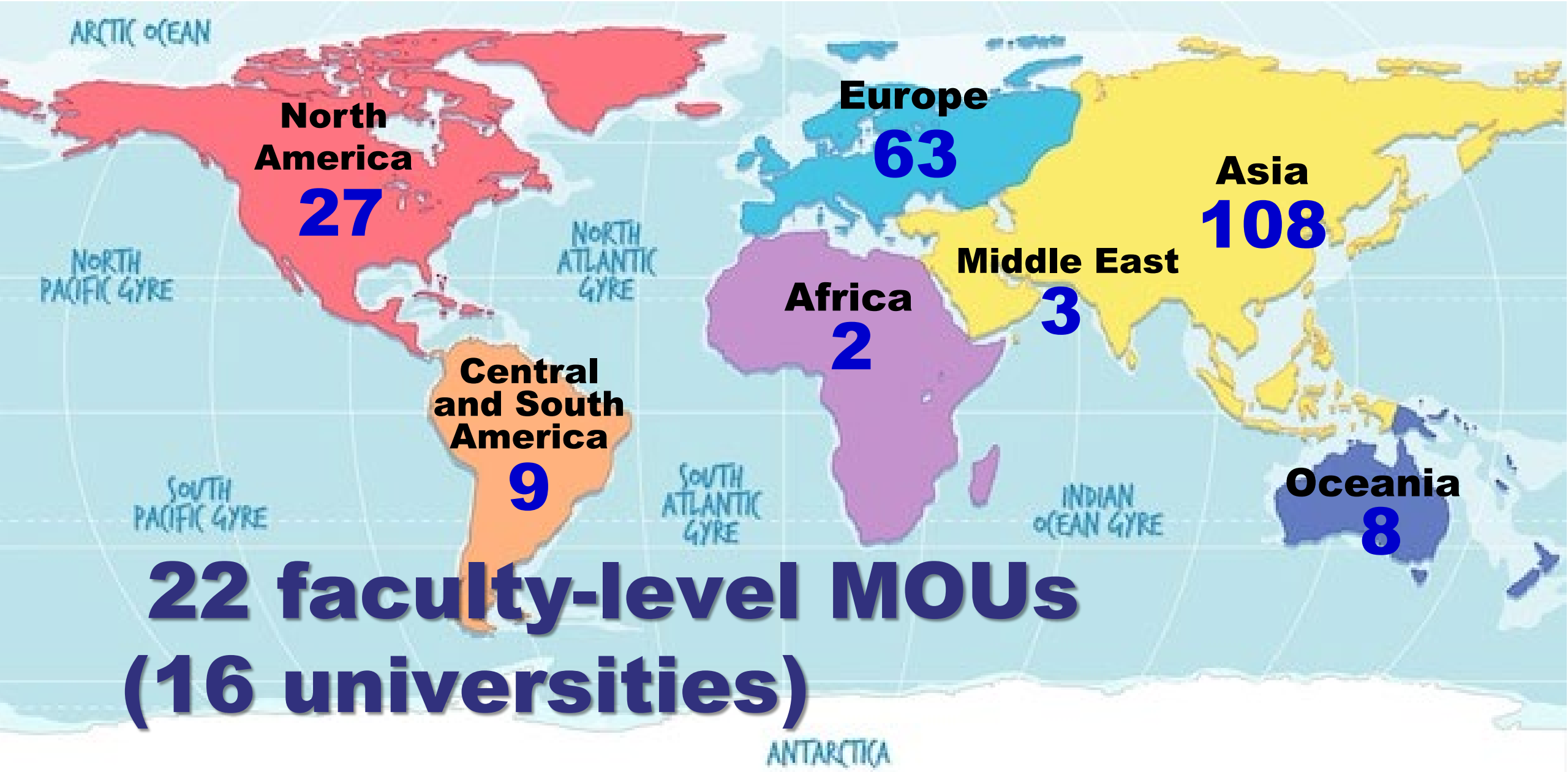
Check our video!





220 Partner Universities

As of October, 2024



University Overview

Established in **1886**

Students / Teaching Staff

30,019 Undergraduate and Graduate Students & **747** Professors (in 2024)

1,654 International Students

Short-term laboratory exchange program **49** International Students as of 2025

English-based Degree Seeking Program / Double Degree **8** International Students as of 2023

Key Numbers of STEM

as of 2024

193 Professors

4,978 Undergraduate students

824 Master's students & **56** Doctorate students

133 laboratories

Engineering Science Major



Mathematics

Field	Name
Cohomological Aspects in Mathematics	SHODA Toshihiro
	FUJIOKA Atsushi
	MURABAYASHI Naoki
	YANAGAWA Kohji
	WAKUI Michihisa
Probability and Statistics	KANKI Masataka
	UEMURA Toshihiro
	TAKEDA Masayoshi
	TERAMOTO Hiroshi
	UEHARA Yuma
	TAGUCHI Dai

Pure and Applied Physics

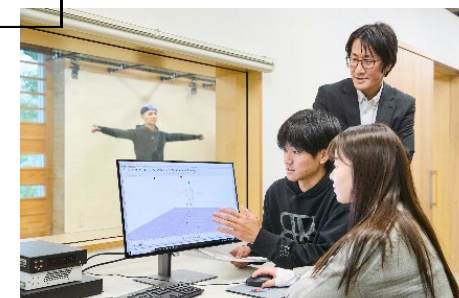
Field	Name
Physics	ITANO Tomoaki
	ITOH Hiroyoshi
	ITO Makoto
	SUGIHARA-SEKI Masako
	HONDA Syuta
	WADA Takahiro
	ABE Yugo
Applied Physics	ASAKAWA Makoto
	INADA Mitsuru
	YAMAGUCHI Soichiro
	YAMAMOTO Ken
	YAMAMOTO Mahito

Mechanical Engineering

Field	Name
Nanophysics and Nanomaterials Engineering	ITO Takeshi
	SHIMIZU Tomohiro
	SHINGUBARA Shoso
Fluid Engineering and Biomechanics	TAJIKAWA Tsutomu
	YAMAMOTO Yasufumi
	OTOMO Ryoko
Materials Engineering	SAITOH Ken-ichi
	SATO Tomohiro
	TAKAHASHI Yoshimasa
	TAKUMA Masanori
Tribology and Micromechatronics for Information Equipment	KOGANEZAWA Shinji
	TANI Hiroshi
	LU Renguo
Thermal Engineering	UMEKAWA Hisashi
	MATSUMOTO Ryosuke
	AMI Takeyuki
	ODA Yutaka
Manufacturing Systems	FURUSHIRO Naomichi
	YAMAGUCHI Tomomi
	HIROOKA Daisuke
Mechanical Dynamics and Control Engineering	UTSUNO Hideo
	YAMADA Keisuke
	Shouhei Shirafuji
Measurement and Intelligent Systems	TAKATA Keiji
	MAE Yasushi
	RATSAMEE Photchara
Robot and Microsystems	AOYAGI Seiji
	SUZUKI Masato
Ergonomics and Biomedical Engineering	TAKAHASHI Tomokazu
	KOTANI Kentaro
	SUZUKI Satoshi

Electrical, Electronic and Information Engineering

Field	Name
Electrical Engineering	OHASHI Shunsuke
	HAMADA Shoji
	YONETSU Daigo
Materials and Devices for Electronics and Optics	KITAMURA Toshiaki
	SAIKI Taku
	TAJITSU Yoshiro
	SATO Shingo
Information and Communication Engineering	TAKARADA Jun
	HIRATA Kouji
	YAMAMOTO Miki
System Informatics	YOMO Hiroyuki
	WADA Tomotaka
	ITO Hidetaka
	HIKAWA Hiroomi
Media Processing	MIYOSHI Seiji
	MOTONAKA Kimiko
	KAJIKAWA Yoshinobu
	MATSUSHIMA Kyoji
Intelligent Software Engineering	MUNEYASU Mitsuji
	YOSHIDA Soh
	EBARA Hiroyuki
	KOJIRI Tomoko
	TOKUMARU Masataka
	HANADA Yoshiko
	Emmanuel Ayedoun



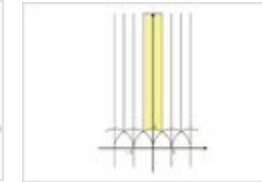
Engineering Science Major システム理工学専攻
Mathematics 数学分野

Research Area	7+ 3 Faculties
<p>Cohomological Aspects in Mathematics コホモロジー的数理</p>	<ul style="list-style-type: none"> •Prof. SHODA Toshihiro 庄田 敏宏 (Spectral Geometry) •Prof. FUJIOKA Atsushi 藤岡 敦 (Differential geometry) •Prof. MURABAYASHI Naoki 村林 直樹 (Theory of numbers) •Prof. YANAGAWA Kohji 柳川 浩二 (commutative algebra) •Prof. WAKUI Michihisa 和久井 道久 (Algebra) •Assoc Prof. KANKI Masataka 神吉 雅崇 (Discrete dynamical systems)
<p>Probability and Statistics 確率・統計</p>	<ul style="list-style-type: none"> •Prof. UEMURA Toshihiro 上村 稔大 (Probability theory) •Prof. TAKEDA Masayoshi 竹田 雅好 (Symmetric Markov process) •Assoc Prof. UEHARA Yuma 上原 悠槇 (Estimation theory) •Assoc. Prof. TAGUCHI Dai 田口 大 (Stochastic calculus) •Assoc Prof. TERAMOTO Hiroshi 寺本 央 (Computational Algebra)

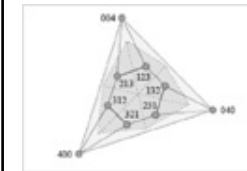


Crossed product of a Hilbert C*-module (KUSUDA)

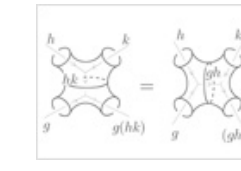
$$4(EG - F^2)K = E \{ E, G, -2F, G, + (G, F)^2 \} + F \{ E, G, -E, G, -2E, F, -2F, G, +4F, F, + G \{ E, G, -2E, F, + (E, F)^2 - 2(EG - F^2)(E, -2F, + G,)$$



The arithmetic of abelian varieties with complex or quaternionic multiplication (MURABAYASHI)



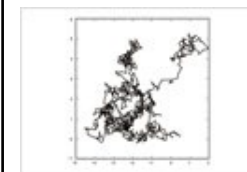
Combinatorial commutative algebra (YANAGAWA)



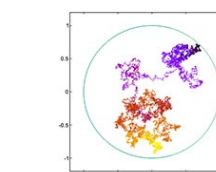
Quantum invariants of knots and 3-manifolds (WAKUI)

$$dX_t = a(X_t, \alpha)dt + c(X_t, \gamma)dZ_t$$

stochastic differential equation model (UEHARA)



Regularity problem for Dirichlet forms (UEMURA)



Stochastic calculus (TAGUCHI)



chemical reaction dynamics (TERAMOTO)

Engineering Science Major システム理工学専攻

•Pure and Applied Physics 物理・応用物理学分野

Research Area	10 + 2 Faculties
Physics	<ul style="list-style-type: none"> •Prof. SUGIHARA-SEKI Masako 関 眞佐子 (fluid dynamics) •Prof. ITANO Tomoaki 板野 智昭 (Fluid Physics) •Prof. ITOH Hiroyoshi 伊藤 博介 (Theoretical Solid State Physics) •Prof. ITO Makoto 伊藤 誠 (Finite Quantum Many-body Systems) •Prof. WADA Takahiro 和田隆宏 (biological effects of radiation) •Prof. SUGIMOTO Nobumasa 杉本 信正 (Thermofluid dynamics) •Assoc Prof. HONDA Syuta 本多 周太 (Spintronics)
	<ul style="list-style-type: none"> •Prof. ASAKAWA Makoto 浅川 誠 (Photon Radiation) •Prof. YAMAGUCHI Soichiro 山口 聡一郎 (Photon Radiation) •Prof. SAITOH Tadashi 齊藤 正 (Photonic Green Devices) •Prof. INADA Mitsuru 稲田 貢 (Photonic Green Devices) •Prof. YAMAMOTO Ken 山本 健 (ultrasonic material science) •Assoc Prof. YAMAMOTO Mahito 山本 真人 (Spintronics)



Fluid dynamical study of red blood cells motion in microvessel



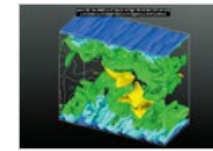
Synthesis of super-heavy elements (WADA)



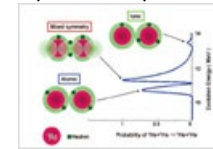
Titanium sapphire Laser (ASAKAWA)



Nanofabrication measurement (INADA)



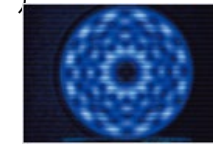
Understanding of physical mechanisms in fluid phenomena (ITANO)



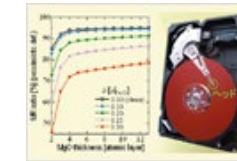
Reactions of highly-excited neutron-excess systems (M. SUGIMOTO)



Solid rocket propellant (YAMAGUCHI)



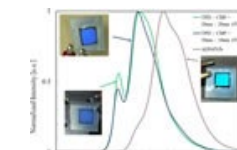
Optical Visualization of Acoustic Field (K.YAMAMOTO)



Magnetic nanostructure (spintronics) (H. ITOH)



Thermoacoustics and its application to novel heat engines systems (SUGIMOTO)



Photonic Green Devices (SAITOH)

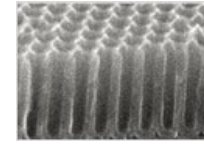


Field-effect transistors (M.YAMAMOTO)

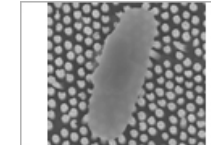
Engineering Science Major システム理工学専攻

•Mechanical Engineering 機械工学分野

Research Area	17 + 13 + 4 (34) Faculties
Nanophysics and Nanomaterials Engineering	<ul style="list-style-type: none"> •Prof ITO Takeshi 伊藤 健 (Micro fabrication process) •Prof SHINGUBARA Shoso 新宮原 正三 (nano memory devices) •Prof SHIMIZU Tomohiro 清水 智弘 (Synthesis of semiconductor nanowires)
Fluid Engineering and Biomechanics	<ul style="list-style-type: none"> •Prof YAMAMOTO Yasufumi 山本 恭史 (Numerical analysis of multiphase flows) •Prof TAJIKAWA Tsutomu 田地川 勉 (Fluid Engineering and Biomechanics) •Assoc Prof OTOMO Ryoko 大友 涼子 (Analysis of Particle Motion)
Materials Engineering	<ul style="list-style-type: none"> •Prof SAITOH Ken-ichi 齋藤 賢一 (Computational Mechanics) •Prof TAKUMA Masanori 宅間 正則 (Non-destructive inspection method) •Assoc Prof SATO Tomohiro 佐藤 知広 (sintering process for Cu alloy) •Prof TAKAHASHI Yoshimasa 高橋 可昌
Tribology and Micromechatronics for Information Equipment	<ul style="list-style-type: none"> •Prof KOGANEZAWA Shinji •Prof TANI Hiroshi •Assoc Prof LU Renguo
Thermal Engineering	<ul style="list-style-type: none"> •Prof UMEKAWA Hisashi •Prof MATSUMOTO Ryosuke •Assoc Prof AMI Takeyuki •Assoc Prof ODA Yutaka



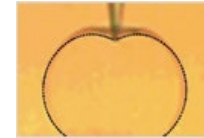
Nano-holes (SHINGUBARA)



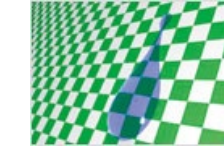
Antibacterial nanosize surface structures



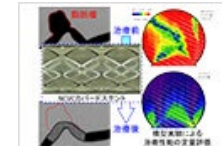
Nano-wire (SHIMIZU)



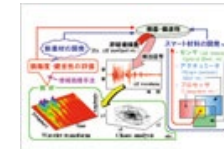
Microcapsule (BANDO)



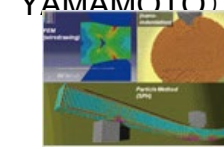
Wettability and surface tension (Y. YAMAMOTO)



血液循環器系のバイオメカニクス(田地川准教授)



スマート構造とスマート材料の開発 (宅間教授)



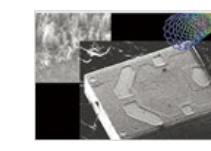
計算ナノテクノロジーの応用 (齋藤教授)



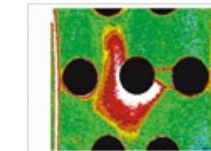
汎用吸着グリッパ (高橋准教授)



情報機器ハードディスク実験装置 (多川教授)



磁気ヘッド表面に形成したカーボンナノチューブ (谷教授)



中性子線を用いた熱流動現象の定量評価 (梅川教授)



管状火炎を用いた熱機器の開発 (松本教授)

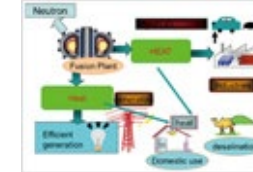
Engineering Science Major システム理工学専攻

•Electrical, Electronic and Information Engineering 電気電子情報工学分野

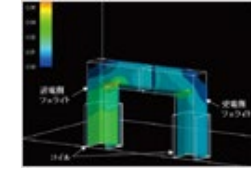
Research Area	19 + 7 + 4 (30) Faculties
Electrical Engineering	<ul style="list-style-type: none"> •Prof HAMADA Syoji (Electric power equipment) •Prof OHASHI Shunsuke (electrical equipment) •Prof YAMAMOTO Yasushi (Electric energy engineering) •Assoc Prof YONETSU Daigo (Electric energy engineering)
Materials and Devices for Electronics and Optics	<ul style="list-style-type: none"> •Prof KITAMURA Toshiaki (Wireless Communication) •Prof TAJITSU Yoshiro (Sensor & Actuator) •Assoc Prof SAIKI Taku (new laser materials) •Assoc Prof SATO Shingo (Electronic device Engineering) •Assoc Prof TAKARADA Jun (Piezoelectric Polymer)
Information and Communication Engineering	<ul style="list-style-type: none"> •Prof YAMAMOTO Miki (information communication) •Prof YOMO Hiroyuki (Wireless network control) •Prof HIRATA Kouji (information communication) •Prof WADA Tomotaka (Information networking)



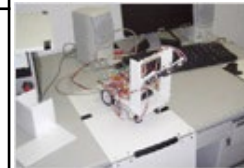
電気自動車
(大橋教授)



核融合炉における高効率エネルギー変換
(山本靖教授)



非接触給電装置の特性に関する研究
(米津准教授)



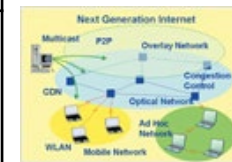
各種インテリジェント・センサ技術の開発
(大村教授)



高周波デバイスの特性測定
(北村教授)



光情報材料、エネルギー伝送材料
(田實教授)



次世代インターネット
(山本幹教授)

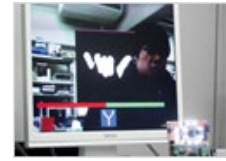


移動体ネットワークワーキング
(四方教授)



次世代高度道路交通システム
(和田准教授)

<p>System Informatics</p>	<ul style="list-style-type: none"> •Prof HIKAWA Hiroomi (Digital Circuit Design) •Prof MAEDA Yutaka (electronic control) •Prof MIYOSHI Seiji (Information and Mathematical) •Prof ITO Hidetaka (Digital Circuit Design) •Assoc Prof MOTONAKA Kimiko (Autonomous control system)
<p>Media Processing</p>	<ul style="list-style-type: none"> •Prof KAJIKAWA Yoshinobu (Audio and Electroacoustics) •Prof MATSUSHIMA Kyoji (Optical information system) •Prof MUNEYASU Mitsuji (Digital Image Processing) •Assoc Prof YOSHIDA Soh (Artificial intelligence technologies)
<p>Intelligent Software Engineering</p>	<ul style="list-style-type: none"> •Prof EBARA Hiroyuki (Parallel Algorithm) •Prof TOKUMARU Masataka (Kansei analysis) •Prof KOJIRI Tomoko (information processing) •Assoc Prof HANADA Yoshiko (information processing)



指文字認識システム (肥川教授)



視覚情報を用いたロボット制御 (前田教授)



学習の解析 (三好教授)



オーディオ信号処理 (梶川教授)



コンピュータホログラフィによる3次元立体映像の作成と再生 (松島教授)



便利な画像へのデータ埋め込み技術 (棟安教授)



メニーコア・コプロセッサ搭載計算サーバ (榎原教授)



感性ロボット・コミュニケーション (徳丸教授)



プレゼンテーションの補足発言生成支援システム (小尻教授)

Environmental and Urban Engineering Major

Website

Architecture

Field	Name
Structural Engineering	IKENAGA Masahiro
	MASUI Takeshi
	MATSUDA Satoshi
Architectural Design and Planning	OKAGE Yoshifumi
	OKA Eriko
	KAMETANI Yoshihiro
	KINOSHITA Hikaru
	FUJITA Masaya
	NOMURA Masaharu
Environmental Engineering in Architecture	HASHITERA Tomoko
	TSUZUKI Kazuyo
	TOYODA Masahiro
	HARA Naoya
	TAKEMURA Akihisa

Civil, Environmental and Applied Systems Engineering

Field	Name
Environmental Engineering	OZAKI Taira
	TOBITA Tetsuo
	YASUDA Tomohiro
	MIYAZAKI Yuusuke
	HASHIMOTO Masakazu
Design and Construction	ISHIKAWA Toshiyuki
	UEDA Naoshi
	TSURUTA Hiroaki
Planning and Management	KITAOKA Takafumi
	INOKUCHI Hiroaki
	KITAZUME Keiichi
	YUN Yeboon
Applied Systems Engineering	HAYASHI Michiko
	KANEKIYO Hiroaki
	KUBOTA Satoshi
	TAKIZAWA Yasuhisa
	YASUMURO Yoshihiro
ADACHI Naotoshi	

Chemical, Energy and Environmental Engineering

Field	Name
Energy Engineering	ASAKUMA Yusuke
	IKENAGA Naoki
	NAKAGAWA Kiyoharu
	MURAYAMA Norihiro
	FUKU Kojiro
Environmental Chemistry	MATSUOKA Mitsuaki
	OKADA Yoshiki
	TANAKA Shunsuke
	HAYASHI Jun'ichi
	YAMAMOTO Hideki
	ARAKI Sadao
	KINOSHITA Takuya
HASEGAWA Isao	



Environmental and Urban Engineering Major 環境都市工学専攻

•Architecture 建築学分野

Research Area	12 + 2 + 3 (17) Faculties
Structural Engineering	<ul style="list-style-type: none"> •Prof IKENAGA Masahiro (Seismic structure) •Prof MASUI Takeshi (Building Structure) •Prof MATSUDA Satoshi (Seismic Performance) •Prof YAMAZAKI Masahiro (Support Mechanism of Foudations)
Architectural Design and Planning	<ul style="list-style-type: none"> •Prof OKAGE Yoshifumi (Design and theory of architecture) •Prof OKA Eriko (Residential Environment) •Prof KAMETANI Yoshihiro (Spatial Planning and Architectural Design) •Prof KINOSHITA Hikaru (urban design) •Prof FUJITA Masaya (history of Japanese domestic architecture) •Assoc Prof NOMURA Masaharu (City Management) •Assoc Prof HASHITERA Tomoko (Architectural Conservation)
Environmental Engineering in Architecture	<ul style="list-style-type: none"> •Prof TSUZUKI Kazuyo (Effects of environment on human) •Prof HARA Naoya (Designing of Visual and Lighting Environment) •Prof TOYODA Masahiro (Vibroacoustic analysis)



歴史的な建物の構造的な特性についての研究 (西澤教授)



歴史的な建物の構造的な特性についての研究 (榎井教授)



関西大学の地震観測システム (松田教授)



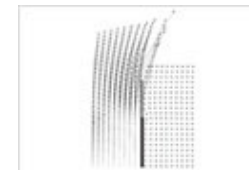
集住環境を形成する建築 (江川教授)



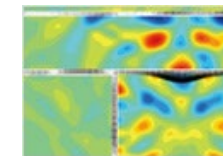
こどもの遊び環境に関する研究 (大影教授)



日本の建築の様式・技法・工匠に関する歴史研究 (藤田教授)



エッジ効果抑制型遮音壁のエッジ近傍の音のエネルギーの流れ (河井教授)



建築構造体の振動伝搬と音の放射 (豊田教授)

Environmental and Urban Engineering Major 環境都市工学専攻

•Civil, Environmental and Applied Systems Engineering 都市システム工学

分野 Research Area	11 + 10 (21) Faculties
Environmental Engineering	<ul style="list-style-type: none"> •Prof KUSUMI Harushige (Safety analysis of ground) •Assoc Prof HASHIMOTO Masakazu (flood analysis) •Assoc Prof OZAKI Taira (Water Management) •Assoc Prof HAYASHI Michiko (Landscape Planning) •Prof TOBITA Tetsuo (Disaster Prevention in geotechnics) •Prof YASUDA Tomohiro (Mitigation of coastal disasters)
Design and Construction	<ul style="list-style-type: none"> •Prof TSURUTA Hiroaki (Concrete Engineering) •Prof ISHIKAWA Toshiyuki (Steel Structures) •Assoc Prof UEDA Naoshi (Concrete Structures)
Planning and Management	<ul style="list-style-type: none"> •Prof KITAZUME Keiichi (social capital management) •Prof YUN Yeboon (Social systems) •Assoc Prof INOKUCHI Hiroaki (Operations Research) •Assoc Prof KITAOKA Takafumi (civil engineering and AI)



浸水した地下室からの避難体験実験 (石垣教授)



道路斜面の崩壊 (楠見教授)



環境共生の都市づくりの実践 (盛岡教授)



土木構造物の非破壊検査法 (小林教授)



橋梁の長寿命化に関する研究 (坂野教授)



コンクリートの耐久性効果 (鶴田教授)



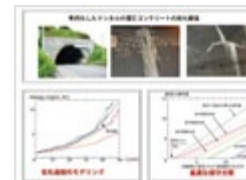
健康まちづくりのフューチャーデザイン (秋山教授)



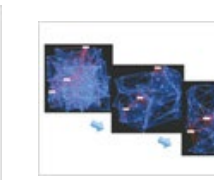
統合型土地利用・交通・環境モデル (北詰教授)



スマートモビリティに関する分析 (井ノ口准教授)



確率システム論・リスク工学のトンネル保守問題への適用例 (兼清教授)



自己組織化による3Dモデリングと無線ネットワークシミュレーション (安室教授)



自己組織化による3Dモデリングと無線ネットワークシミュレーション (安室教授)

Applied Systems Engineering	<ul style="list-style-type: none">•Prof KANEKIYO Hiroaki (System reliability and risk analysis)•Prof TAKIZAWA Yasuhisa (Network Dynamics)•Prof YASUMURO Yoshihiro (Information Systems)•Prof KUBOTA Satoshi (Geospatial Information)•Prof DAN Hiroshige (Mathematical Optimization)•Assoc Pof ADACHI Naotoshi (Communications infrastructure)
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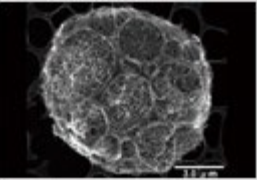
Environmental and Urban Engineering Major 環境都市工学専攻

•Chemical, Energy and Environmental Engineering エネルギー環境・化学工学分野

Research Area	7 + 5 + 2 (14) Faculties
Energy Engineering	<ul style="list-style-type: none"> •Prof IKENAGA Naoki (catalyst chemistry) •Prof NAKAGAWA Kiyoharu (energy materials) •Prof MIYAKE Takanori (Hydrothermal Synthesis) •Prof MURAYAMA Norihiro (Recycling of Industrial Wastes) •Assoc Prof SANO Makoto (functional inorganic) •Assoc Prof FUKU Kojiro (Clean energy production) •Assoc Prof MATSUOKA Mitsuaki (functional inorganic materials)
Environmental Chemistry	<ul style="list-style-type: none"> •Prof OKADA Yoshiki (Nanoparticles engineering) •Prof HAYASHI Jun'ichi (Activated Carbon) •Prof YAMAMOTO Hideki (Estimation of solubility parameter(SP value) , Blood Viscosity) •Assoc Prof ARAKI Sadao (Membrane Separation) •Assoc Prof KINOSHITA Takuya (Nanoparticles engineering) •Prof TANAKA Shunsuke (nanoporous materials) •Assoc Prof HASEGAWA Isao (Chemical Industry)



高価な貴金属を用いない燃料電池用選択酸化触媒 (三宅孝典教授)



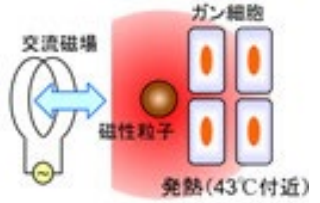
新規ナノ炭素材料合成 (マリモカーボン) (中川准教授)



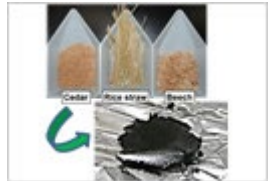
シックハウス症候群の原因物質等を吸着・光分解させるチタニア薄膜上に配列させた多孔性球状シリカ粒子 (三宅義和教授)



ヒト血液の超小型粘度測定装置の開発 (山本教授)



磁性粒子を用いた癌温熱療法 (木下准教授)



木材をプラスチック原料へ転換 (長谷川准教授)

Chemistry, Materials and Bioengineering Major

Chemistry and Materials Engineering

Field	Name
Metallic Materials Design	UEDA Masato
	MORISHIGE Taiki
Metallic Materials Processing	TAKENAKA Toshihide
	NISHIMOTO Akio
	HOSHIYAMA Yasuhiro
	MARUYAMA Toru
Metallic Inorganic Materials Properties	ARACHI Yoshinori
	UCHIYAMA Hiroaki
	KOZUKA Hiromitsu
	TAKESHITA Hiroyuki T.
	HARUNA Takumi
	KONDO Ryota
Inorganic and Physical Chemistry	AOTA Hiroyuki
	ISHIKAWA Masashi
	KAWASAKI Hideya
	GUO Haoxuan
	YAMAGATA Masaki
Organic Chemistry	UMEDA Rui
	OBORA Yasushi
	SAKAGUCHI Satoshi
	NISHIYAMA Yutaka
	YANO Masafumi

Field	Name
Polymer Chemistry	KUDO Hiroto
	SANDA Fumio
	HARADA Miyuki
	SOGAWA Hiromitsu
Biomaterials Chemistry	IWASAKI Yasuhiko
	OHYA Yuichi
	KAKINOKI Sachiro
	HIRANO Yoshiaki
	FURUIKE Tetsuya
	MIYATA Takashi
Biofunctional Molecular Chemistry	KAWAMURA Akifumi
	ISHIDA Hitoshi
	KUZUYA Akinori
	YAJIMA Tatsuo
Inorganic and Physical Chemistry	NAKAI Misaki
	FUJIMOTO Kazushi

Life Science and Biotechnology

Field	Name
Biotechnology	OIKAWA Tadao
	YAMANAKA Kazuya
	IWAKI Hiroaki
	OKANO Kenji
	KATAKURA Yoshio
	YAMASAKI Shino
	MATSUMURA Yoshinobu
SASAKI Miho	
Life Science	FUKUNAGA Kenji
	HOSOMI Ryota
	NAGAOKA Yasuo
	SUMIYOSHI Takaaki
	SHIMOKE Koji
	YAMAGUCHI Yoshiaki
	YASUHARA Hiroki
KUSAKABE Rie	



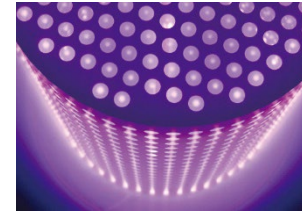
Website



Research and Education Field, Chemistry and Materials Engineering

1. Materials Science

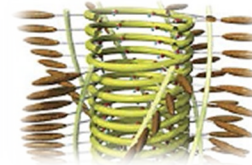
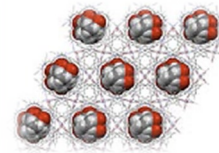
Metallic Materials Design
Metallic Materials Processing
Metallic Inorganic Materials Properties



Key words: Titanium Alloys, Rare-metal, Hydrogen Storage Materials, Ionic Conductor, Ceramics, Plasma-nitriding,
Rapid Solidification, Full Mold Process, Sol-Gel thin film, Corrosion

2. Applied Chemistry

Organic Chemistry
Polymer Chemistry
Inorganic and Physical Chemistry

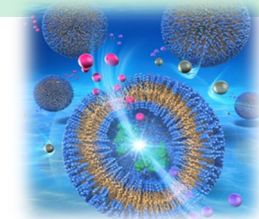


Key words: Catalyst, Metal-Organic Frameworks (MOF), Metal Nanoparticles, π -conjugated Polymer, Helical Polymer,

Ionic Liquid, Supercapacitor, Lithium Battery

3. Biomolecular Chemistry

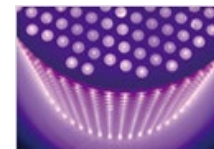
Biomaterials Chemistry
Biofunctional Molecular Chemistry



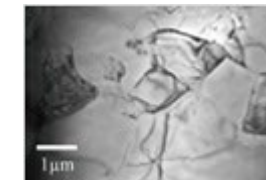
Key words: Bio-inspired Polymers, Natural Polymer, DNA, Peptide, Protein, Polysaccharides, Polymer Gels, Drug Delivery, Anti-bacterial Materials, Tissue Engineering, Biosensor, Biomedical Material

Chemistry, Materials and Bioengineering Major 化学生命工学専攻
 •Chemistry and Materials Engineering 化学・物質工学分野

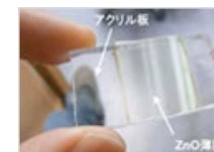
Research Area	29 + 9 + 2 (40) Faculties
Metallic Materials Design	•Prof UEDA Masato (inorganic materials)
Metallic Materials Processing	•Prof TAKENAKA Toshihide (production process of rare-metals) •Prof NISHIMOTO Akio (Metallographic investigation) •Prof HOSHIYAMA Yasuhiro (Solidified Composite Deposits) •Prof MARUYAMA Toru (Castings) •Prof MORISHIGE Taiki (Grain refinement processings)
Metallic Inorganic Materials Properties	•Prof ARACHI Yoshinori (ionic materials) •Prof KOZUKA Hiromitsu (Ceramics) •Prof TAKESHITA Hiroyuki T. (Hydrogen Storage Materials) •Prof HARUNA Takumi (intelligent metal surfaces) •Prof UCHIYAMA Hiroaki (Ceramics) •Assoc Prof KONDO Ryota (hydrogen storage materials)



Surface modification of metallic materials by Plasma Nitriding and Diffusion-coating (NISHIMOTO)



Metal Production Engineering, High Temperature Chemistry (MORISHIGE)



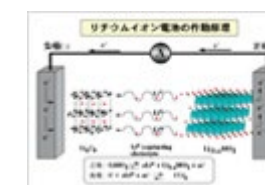
Sol-gel coating technique for fabricating ceramic (KOZUKA)



Production of Metallic Materials for Vehicle, Rail, Ship and Aircraft (MARUYAMA)



Hydrogen Energy Materials (Takeshita)



Li-ion Secondary Battery (ARACHI)

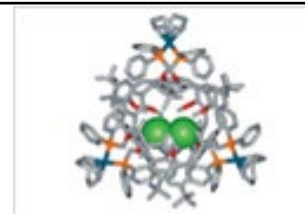
<p>Inorganic and Physical Chemistry</p>	<ul style="list-style-type: none"> •Prof AOTA Hiroyuki (Artificial photosynthesis) •Prof ISHIKAWA Masashi (electrochemical supercapacitors) •Prof KAWASAKI Hideya (Metal nanoparticles) •Assoc Prof YAMAGATA Masaki (Electrochemistry) •Assoc Prof Fujimoto Kazushi (Molecular Dynamics Simulation)
<p>Organic Chemistry</p>	<ul style="list-style-type: none"> •Prof OBORA Yasushi (Organochatarityc Chemistry) •SAKAGUCHI Satoshi (Organosynthetic Chemistry) •TANAKA Koichi (Metal–Organic Frameworks) •NISHIYAMA Yutaka (catalytic reactions) •UMEDA Rui (Organic Reaction) •YANO Masafumi



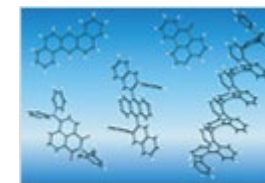
Next generation solar cell (AOTA)



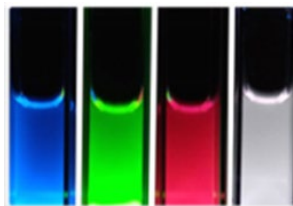
High-performance capacitor materials (ISHIKAWA)



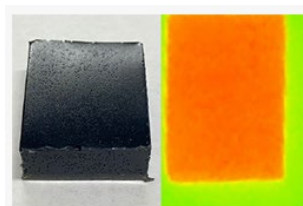
Organometallic complex (OBORA)



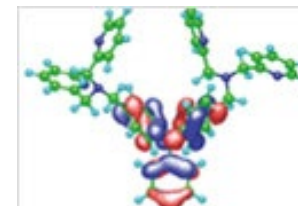
Creation of conjugated π -electron Compounds (UMEDA)



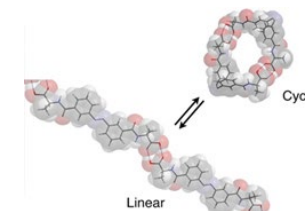
Functional Nanoparticles (Catalytic, electronic, and luminescent materials) (KAWASAKI)



Development and evaluation of thermal control materials (YAMAGATA)



Design, synthesis and properties of organic semiconductor molecules (YANO)



Functional Supramolecular Chemistry (SOGAWA)

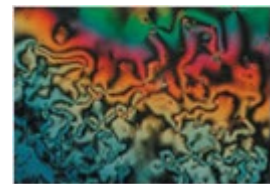
<p>Polymer Chemistry</p>	<ul style="list-style-type: none"> •Prof KUDO Hiroto (Polymer synthetic chemistry) •Prof SANDA Fumio (Design and synthesis of functional polymers) •Prof HARADA Miyuki (Design and synthesis of functional polymers) •Assoc Prof SOGAWA Hiromitsu (Supramolecular polymers)
<p>Biomaterials Chemistry</p>	<ul style="list-style-type: none"> •Prof IWASAKI Yasuhiko (biocompatible polymers) •Prof OHYA Yuichi (Biomaterials) •Prof TAMURA Hiroshi (Chitin, Chitosan) •Prof HIRANO Yoshiaki (Peptide based biomaterials) •Prof FURUIKE Tetsuya (Biofunctional molecules) •Prof MIYATA Takashi (Bio-inspired Materials) •Prof KAKINOKI Sachiro (Biomedical Materials) •Assoc Prof KAWAMURA Akifumi (Polymer Nanomaterials)
<p>Biofunctional Molecular Chemistry</p>	<ul style="list-style-type: none"> •Prof ISHIDA Hitoshi (Novel Metal–Peptide Complexes) •Prof KUZUYA Akinori (Fusion of DNA and functional nanomaterial) •Assoc Prof NAKAI Misaki (Biometal complexes) •Prof YAJIMA Tatsuo (Photodynamic Therapy)



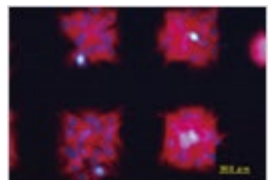
Peptide based biomaterials for tissue engineering (HIRANO)



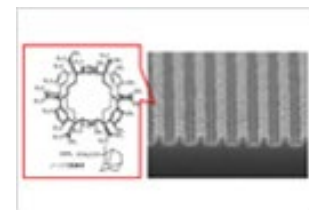
Synthesis of optically active polymers (SANDA)



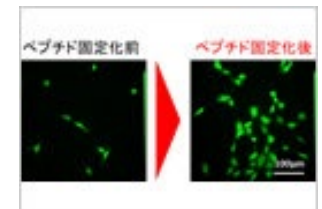
Network Polymers with high heat dissipation and toughness (HARADA)



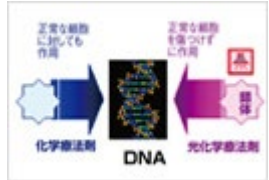
Development of highly functional artificial organ (IWASAKI)



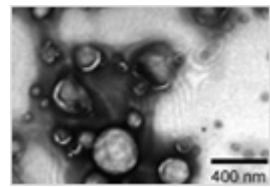
Development of high-resolution resist materials(KUDO)



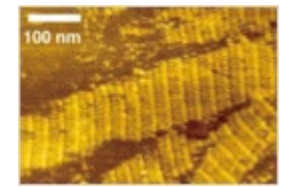
Protein engineering and functional medical material chemistry (KAKINOKI)



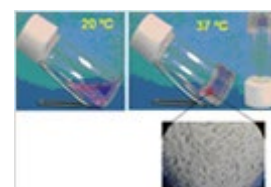
Anticancer metal complexes (NAKABAYASHI)



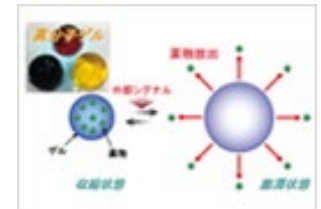
Highly functional materials using sugar chain (FURUIKE)



Construction of nanostructures made of DNA (KUZUYA)

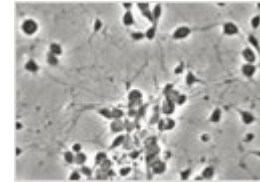


Cell growth in injectable medical polymer (OHYA)

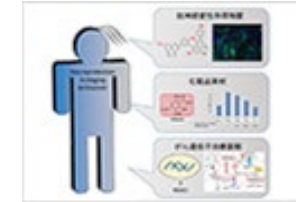


Synthesis of smart gels and their medical and environmental applications (MIYATA)

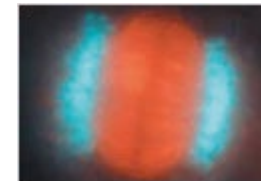
Research Area	10 + 5 + 1 (16) Faculties
Life Science	<ul style="list-style-type: none"> •Prof FUKUNAGA Kenji (Food Chemistry) •Prof YOSHIDA Munehiro (Nutrition Chemistry) •Assoc Prof HOSOMI Ryota (Food Chemistry) •Prof SHIMOKE Koji ((Neurophysiology) •Assoc Prof YAMAGUCHI Yoshiaki (Neurophysiology) •Prof NAGAOKA Yasuo (Medicinal Chemistry) •Prof SUMIYOSHI Takaaki (Drug discovery) •Assoc Prof YASUHARA Hiroki (Plant Cytokinesis) •Assoc Prof KUSAKABE Rie (developmental biology)
Biotechnology	<ul style="list-style-type: none"> •Prof IWAKI Hiroaki (Bioremediation) •Prof KATAKURA Yoshio (Bioethanol, Solid state Fermentation) •Prof MATSUMURA Yoshinobu (Microbial growth control) •Prof OIKAWA Tadao (Enzyme Engineering) •Prof YAMANAKA Kazuya (Genome-mining) •Assoc Prof YAMASAKI Shino (Intestinal Flora) •Assoc Prof SASAKI Miho (antimicrobial technology) •Assoc Prof OKANO Kenji (Metabolic Engineering of Microorganisms)



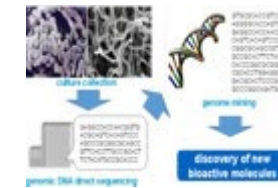
Elucidation of neurodegenerative disease (SHIMOKE)



Exploration of bioactive compounds from natural resources (NAGAOKA)



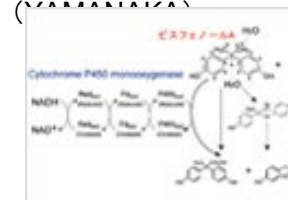
fluorescence micrograph of phragmoplast (YASUHARA)



Genomics-guided Discovery of Biosynthetic Genes for Novel Bioactive Molecules (YAMANAKA)



Production of useful materials from lactic acid bacteria (KATAKURA)



Bioremediation (MATSUMURA)



Application of antifreeze protein to frozen food (KAWAHARA)



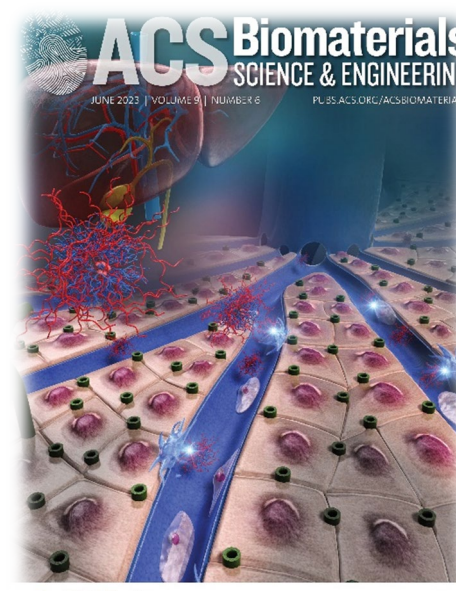
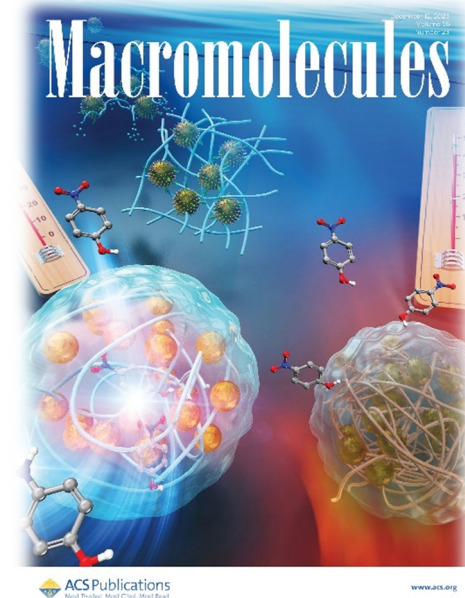
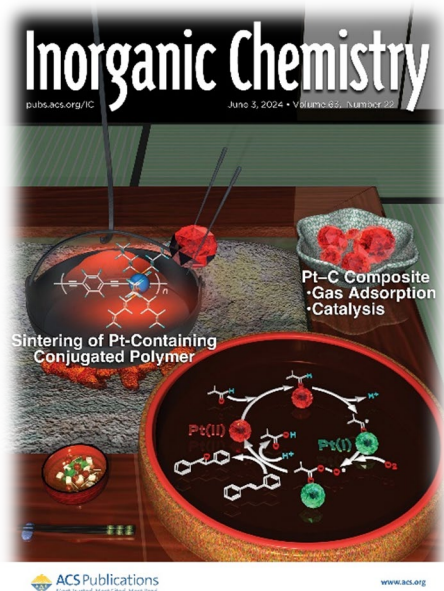
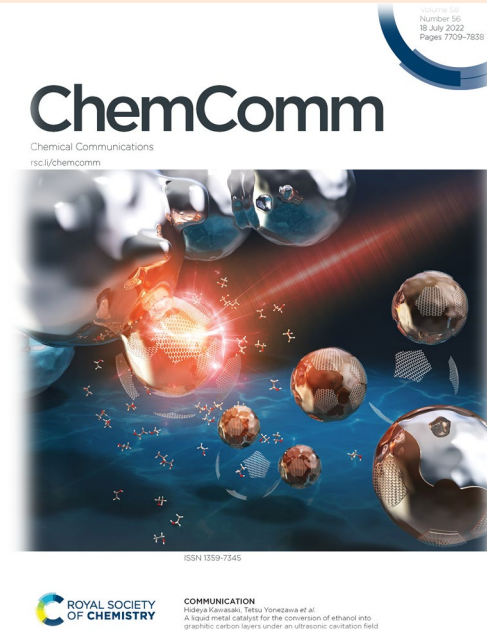
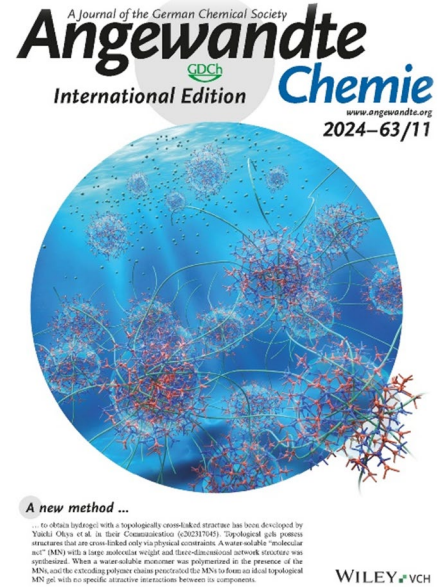
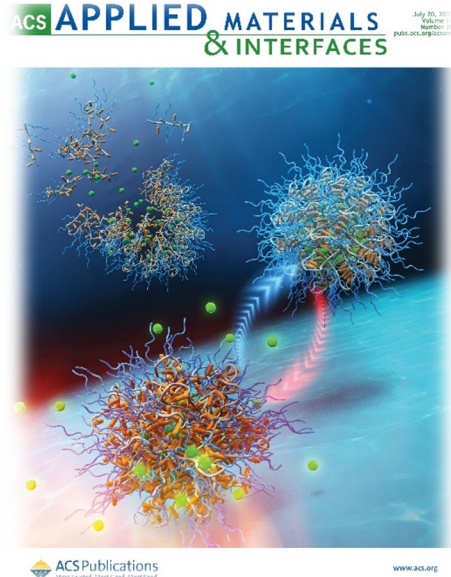
Absorption, metabolism and nutrigenomics of n-3 polyunsaturated fatty acids (FUKUNAGA)

Research fields from the viewpoint of published articles at Kansai University



by **Web of Science**, search in address articles including "**Kansai University**" as author affiliation

Hot Articles:2023-2024 in our department



10 researchers from our department were selected as one of the "Top 2% Most Influential Researchers in the World" by Stanford University and Elsevier.

August 2024 data-update for "Updated science-wide author databases of standardized citation indicators"

Published: 17 September 2024 | Version 7 | DOI: 10.17632/btchxktzyw.7

Contributor: John P.A. Ioannidis



Prof. Miyata
(Biomaterials Chemistry)
Cit:6256 h-index:37
from Scopus



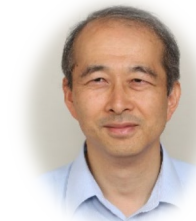
Prof. Ohya
(Biomaterials Chemistry)
Cit:5085 h-index:42



Prof. Iwasaki
(Biomaterials Chemistry)
Cit:9961 h-index:52



Prof. Tamura
(Biomaterials Chemistry)
Cit:14510 h-index:57



Prof. Sanda
(Polymer Chemistry)
Cit:10969 h-index:50



Prof. Obora
(Organic Chemistry)
Cit:6168 h-index:45



Prof. Sakaguchi
(Organic Chemistry)
Cit:10165 h-index:57



Prof. Kawasaki
(Inorganic and
Physical Chemistry)
Cit:7221 h-index:43



Prof. Ishikawa
(Inorganic and
Physical Chemistry)
Cit:5435 h-index:38



Prof. Kozuka
(Metallic Inorganic
Materials Properties)
Cit:6050 h-index:37

*The selection is based on the top 100,000 scientists by c-score (Scopus citation) ,
And a percentile rank of 2% or above in the sub-field.*

Internationalization and The Undergraduate Students: How Domestic Students Experience Interaction with International Students

On campus At Kansai Univ.

- Small group English Class (4 students / 1 staff)
- Domestic Students Experience Interaction with International Students



1 year

Summer Camp Abroad (~1 month)

student exchange, culture experience, facility tour, attendance in class, some activity, small seminar for professor exchange



2 year

Short-term Abroad stay (1-3 months)

Short-term stay in laboratory (no class) in Thailand or United States



3 year

Graduation Research Work In Kansai Univ.

Students are required to find their own theme for a graduation report, And they submit the work.



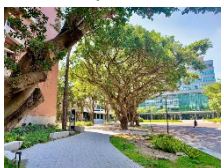
4 year

Double Degree Program

JLU Giessen, Germany or National Central University, Taiwan

Master's

Chung Yuan Christian University (Taiwan)



Clemson Univ. (The USA)



Chulalongkorn Univ. (Thailand)



Gdańsk University of Technology (Poland)



KMUTT(Thailand)



The Chinese Univ. of Hong Kong(China)



University of Giessen (Germany)



National Central University (Taiwan)



The universities we exchange students over the short-term exchange laboratory program as of 2024.



Academic Calendar



- ① **Spring Semester**
April – September
- ② **Fall Semester**
September – March
- ③ **Short-term Program**
April – early August
Late August - December

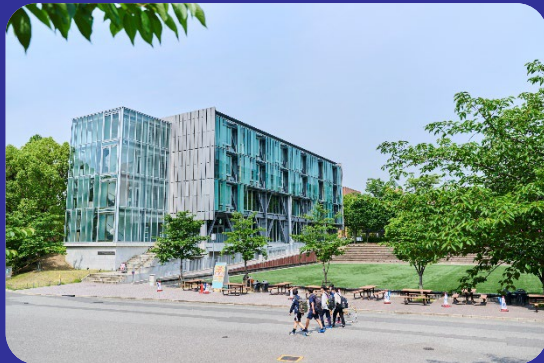


Student Support by STEM Offices

➤ Scholarships

TBD

Students on short-term international students can apply for our inbound scholarships



➤ Host laboratory

We will help you assign your host laboratory at KU. Enjoy your lab stay with your friendly lab mates and host professors.

➤ Dormitory Rooms for international Students

Great variety of dormitory rooms is provided.



Student Dormitories Short-stay



**Student House
Shurei-ryo**

50,000 yen / 31 nights

5 mins walk /



**Female-only
Dormitory
Tsukigaoka**

45,000 yen / 31 nights

15 mins walk /



**Minami-Senri
International Plaza**

65,000 yen / 31 nights

20 mins by train /



Close in 2026

**International
Dormitory**

45,000 yen / 31 nights

25 mins by train /



Opened in 2024

KU Global-House

Approx. €550

94,050 yen / 31 nights

40 mins bus and trains

The fees may change.

Vacancies might change according to the number of degree-seeking students and semester-base exchange students



Student Dormitories Long-stay



**Student House
Shurei-ryo**

Entrance Fee : 15,000 yen
Dormitory Fee :
Single room A : 37,000 yen / month
Single room B : 39,000 yen / month



**Female-only
Dormitory
Tsukigaoka**

Entrance Fee : 22,000 yen
Dormitory Fee : 42,000 yen / month



**Minami-Senri
International Plaza**

Entrance Fee : No Entrance Fee
Dormitory Fee : 48,000 yen / month



Close in 2026

**International
Dormitory**

Entrance Fee : 15,000 yen
Dormitory Fee : 30,000 yen / month



Opened in 2024

KU Global-House

Entrance Fee : 20,000 yen
Dormitory Fee : 63,000 yen / month

The fees may change.

One month's dormitory fees will be collected for the security deposit.

(The deposit will be applied to the last month's dormitory fees.)

Dormitory fee includes electricity, gas, water, internet, and linen lease.



Program Details:

Short-term Internship Program

➤ Who this program for

During the program, international students join different laboratories at Kansai University to pursue their mentored projects. This program is recommended for undergraduates.

➤ Background experience

No specific research backgrounds are required. Students experience what it is like to conduct research.

➤ Experience or Research

Undergraduate students to KU join laboratories “EXPERIENCE” our laboratories.

We do not seek firm research results, but we can set one.

➤ What this program will give you...Students' Voices

Clemson University, USA: “100% of students answered Yes to the question “Do you feel that your experiences at KU had (will have) a positive effect on your career development?”

This program also helps students improve their communication skills and become more open-minded.



Program Details:

Double Degree Program

➤ Who this program for

The program is designed for Master's students and offers the opportunity to obtain master's degrees from two universities.

Upon completing the required coursework at each university, students can earn a master's degree from both institutions.

➤ Key numbers outbound / inbound

outbound : 4 students / National Central University (Taiwan)

7 students / University of Giessen (Germany)

inbound : 16 students / University of Giessen (Germany)

➤ What this program will give you

By engaging with diverse individuals, students broaden their worldview and refine their communication skills. Gaining research experience abroad during their master's program is invaluable for becoming globally active professionals.

➤ Introduction Video



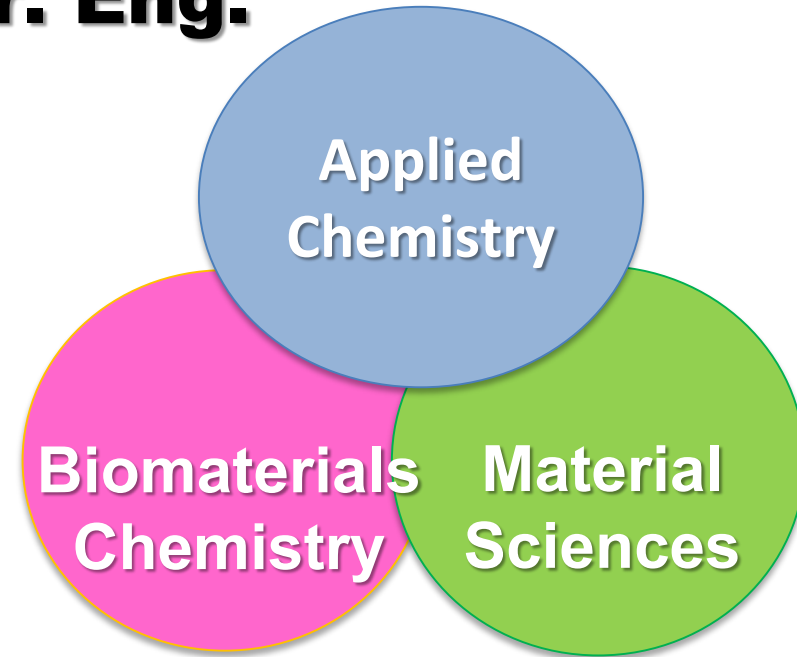
<https://www.youtube.com/watch?v=duqNTSV1diw>

Kansai University Graduate School of Science and Engineering

English-based Master's Program Course of Chem. Mater. Eng.

Chemistry and Materials Engineering

Seminar I (Chemistry and Materials Engineering)
Seminar II (Chemistry and Materials Engineering)
Seminar III (Chemistry and Materials Engineering)
Seminar IV (Chemistry and Materials Engineering)
Metallurgy and Metallic Materials
Inorganic Chemistry and Materials
Polymer Chemistry and Materials
Organic Chemistry
Biomaterials Science
Advanced Carbohydrate Chemistry
PBL I
PBL II
Advanced Metallic Materials for Biomedical and Healthcare Applications
Advanced Ceramic Materials
Advanced Applied Colloidal Chemistry
Advanced Catalytic Organic Chemistry
Advanced Biomaterials Chemistry



Master's Double Degree Program



University of Giessen
(Germany)



National Central University
(Taiwan)



Chung Yuan Christian University
(Taiwan)

Degree-seeking course in English at the Graduate School of Kansai University



Gallery



How to get in touch



Email

stem-mobility@ml.kandai.jp



STEM Offices

**3-3-35 Yamate-cho, Suita-shi,
Osaka 564-8680 JAPAN**

Website:

https://wps.itc.kansai-u.ac.jp/abroad-en/?doing_wp_cron=1718166836.2127389907836914062500





Kansai University

Thank you for your attention

Visit Us, and Email Us