

Faculty Members and Research Fields (Doctoral Program)

Material, Structural and Energy Engineering Course

Processing Development Engineering

Professors:

Higa, Akira: D. Eng., Osaka University, 1996
Thin Film Engineering, Carbon Materials, Solid State Electronics.
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Miyazaki, Tatsujiro: Dr. Eng., Kyushu University, 2003
Strength of Materials, Interface Mechanics, Metal Fatigue.
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Nakada, Kozo: Dr. Eng., University of the Ryukyus, 2008
Structural Engineering, Reinforced Concrete Structures
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Oshikawa, Wataru: Dr. Eng., The University of Tokyo, 2005
Corrosion and Corrosion Protection
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Shimozato, Tetsuhiro: Dr. Eng., University of the Ryukyus, 2008
Structural Engineering, Steel-structural Engineering, Bridge Design and Maintenance.
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Tomiyama, Jun: Dr. Eng., University of the Ryukyus, 2000
Computational Mechanics, Concrete Materials, Concrete Engineering.
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Associate Professors:

Kondou, Ryouji: Dr. Eng., Okayama University, 2003
Theory of Plasticity, Theory of Crystal Plasticity, Theory of Dislocations.
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Kanda, Yasuyuki: Dr. Eng., University of the Ryukyus, 2008
Material processing, Computational mechanics.
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Energy Development Engineering

Professors:

Senaha, Izuru: Dr. Eng., Nagoya University, 2001
Thermal Engineering, Heat Transfer Engineering, Fluid Dynamics.
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Urasaki, Naomitsu: Dr. Eng., University of the Ryukyus, 2004
Electric Machinery, Motor Drives, Power Electronics.
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Matsubara, Hitoshi: Dr. Eng., University of the Ryukyus, 2005
Geosphere Engineering, Computational engineering and science.
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Yasuda, Keita: Dr. Eng., Keio University, 2015
Thermal Engineering, Physical Chemistry
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Associate Professors:

Fukuda, Tomoo: Dr. Eng., Chuo University, 2013
Hydraulics, River Engineering, Computational Fluid Dynamics
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Minakuchi, Hisashi: Dr. Eng., Shizuoka University, 2006
Chemical Engineering, Heat and Mass Transfer.
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Interdisciplinary Intelligent Systems Engineering Course

Environment and Information Engineering

Professors:

Nakamura, Morikazu: Dr. Eng., Osaka University, 1995
Mathematical Systems Science, Computational Intelligence, Parallel and Distributed Systems.
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Okazaki, Takeo: Dr. Eng., University of the Ryukyus, 2014
Mathematical statistics, Data science, Bioinformatics, Social behavior analysis.
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Ono, Hiroko: Ph.D., Tsukuba University, 2003
Urban Planning, Ecological Land Use Planning, Land scape, Watershed Based Planning, Community Planning, Urban Politics.
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Tamaki, Emi: Ph.D., The University of Tokyo, 2021
Human-Computer Interaction (HCI), Body Sharing, User Interface and Human Interface.
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Complex Systems, Intelligent Robotics, Artificial life, Evolutional Computation.
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Neural Networks, Adaptive Signal Processing, Computer Vision, Data Mining Systems.
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Associate Professors:

Iribe, Tsunakiyo: Dr. Eng., University of the Ryukyus, 2012
Coastal Engineering, Computational Science
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Electronics and Information Engineering

Professors:

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Artificial Intelligence, Neural Networks, Intelligent Systems, Adaptive Algorithms, Machine Learning.
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Biomedical systems, Assistive devices, Bioinstrumentation.
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Nakachi, Takayuki: Ph.D., Keio University, 1997
Data Science, Machine Learning, Information Security, Signal Processing, Media Transmission, Image/Video Coding, Channel Coding.
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Senjyu, Tomonobu: Dr. Eng., Nagoya University, 1994
Power Electronics, Electronic Machine, Power System Engineering, Intelligent Control Engineering, Renewable Energy Engineering, System Optimization.
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Artificial Intelligent Systems, Audio & Image Signal Processing, EEG Signal Analysis and Classification, Geographic Information Systems.
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Power Energy Conversion
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Wireless Communications
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Oshiro, Naoki: Dr. Eng., Osaka University, 2000
Robot vision, Machine learning.
E-mail: n-oshiro@cs.u-ryukyu.ac.jp

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Data Science, Artificial Intelligence, Medical Support System, Medical Database
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Kunita, Itsuki: Dr. Syst. Info. Sci., Future University Hakodate, 2011
Complex systems, Bio-information, Behavior and mechanics of lower animals.
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