

2018 The List of Course in English (英語で開講する科目リスト)IE研究科(平成28年度以降入学生)

2018/3/23

Department	授業科目名	Course Title	Instructor	Program	Semester	Day	Period	Credit Points	Course's Type
J	知的学習システム	Advanced Topics in Machine Learning	SHONO, Hayaru	Master Prog.	Spring Semester	Mon.	1	2	II
J	認知プロセス論特論	Topics on Cognitive processing	SAKAMOTO, Maki	Master and Doctor Prog.	Spring Semester	Mon.	3	2	II
J	データマイニング	Data Mining	YAMAMOTO, Wataru	Master Prog.	Spring Semester	Thu.	1	2	II
J	システム信頼性特論	Advanced Theory of Systems Reliability	JIN, Lu	Master and Doctor Prog.	Spring Semester	Thu.	2	2	I
J	メディア論特論	Topics on Media Contents	KANEKO, Masakatsu	Master and Doctor Prog.	Spring Semester	Thu.	3	2	II
J	セキュリティ基礎	Fundamentals of Security	SAKIYAMA, Kazuo	Master Prog.	Spring Semester	Fri.	2	2	II
J	マルチエージェントシステム特論	Advanced Multiagent System	TAKADAMA, Keiki	Master and Doctor Prog.	Spring Semester	Fri.	3	2	II
J	メディアアート論	Topics in Media Art	KODAMA, Sachiko	Master and Doctor Prog.	Spring Semester	Fri.	5	2	II
J	生産システム特論	Advanced Manufacturing Systems Engineering	YURA, Kenji	Master and Doctor Prog.	Fall Semester	Mon.	1	2	II
J	視覚情報処理特論	Advanced Visual Computing	TAKAHASHI, Hiroki	Master and Doctor Prog.	Fall Semester	Mon.	3	2	II
J	離散情報構造特論	Advanced Topics on Discrete Information Structure	ISHIGAMI, Yoshiyasu	Master and Doctor Prog.	Fall Semester	Tue.	4	2	II
J	計算機科学特論	Advanced Computer Science	NISHINO, Tetsuro	Master and Doctor Prog.	Fall Semester	Tue.	5	2	II
J	ソフトウェアセキュリティ特論	Advanced Software Security	ICHINO, Masatsugu	Master and Doctor Prog.	Fall Semester	Fri.	3	2	II
J	インタラクティブシステム特論	Advanced Interactive System	KAJIMOTO, Hiroyuki	Master and Doctor Prog.	Fall Semester	Fri.	4	2	II
I	無線通信システム特論	Radio Communication Systems	ADACHI, Koichi & KOJIMA, Toshiharu	Master and Doctor Prog.	Spring Semester	Mon.	1	2	II
I	VLSI Low Power Circuit Design	VLSI Low Power Circuit Design	ISHIBASHI, Koichiro	Master Prog.	Spring Semester	Mon.	2	2	I
I	環境電磁工学特論	Electromagnetic Compatibility	XIAO, Fengchao & KAYANO, Yoshiki	Master and Doctor Prog.	Spring Semester	Mon.	4	2	II
I	ネットワークコンピューティング特論	Advanced Network Computing	WU, Celimuge	Master and Doctor Prog.	Spring Semester	Tue.	3	2	II
I	量子情報数理特論	Advanced Topics on Quantum Information Theory	OGAWA, Tomohiro	Master and Doctor Prog.	Spring Semester	Wed.	3	2	II
I	理論計算機科学特論	Advanced Study for Theoretical Computer Science	TARUI, Jun	Master and Doctor Prog.	Spring Semester	Thu.	3	2	II
I	情報伝送基礎	Fundamentals of Information Transmission	HAN, Chenggao	Master Prog.	Spring Semester	Thu.	3	2	II
I	デジタル信号処理基礎	Fundamentals of Digital Signal Processing	ZHANG, Xi & WASHIZAWA, Yoshikazu	Master Prog.	Spring Semester	Thu.	4	2	II

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I	情報通信ネットワーク	Information and Communication Networks	OOKI, Eiji	Master Prog.	Spring Semester			2	I
I	CMOS集積回路設計学特論	CMOS Advanced Integrated Circuit Design	PHAM Cong-kha	Master and Doctor Prog.	Fall Semester	Mon.	5	2	II
I	情報光学特論	Advanced Information Optics and Photonics	MUSHA, Mitsuru	Master and Doctor Prog.	Fall Semester	Tue.	2	2	II
I	電磁波環境観測技術特論	Advanced topics on electromagnetic wave technology	HOUBARA, Yasuhide	Master and Doctor Prog.	Fall Semester	Tue.	4	2	II
I	宇宙通信工学特論	Advanced Space Communication Engineering	HOSOKAWA, Keisuke	Master and Doctor Prog.	Fall Semester	Thu.	3	2	II
I	ソフトウェアセキュリティ特論	Advanced Software Security	ICHINO, Masatsugu	Master and Doctor Prog.	Fall Semester	Fri.	3	2	II
I	光通信システム特論	Advanced Optical Communication Systems	KISHI, Naoto	Master and Doctor Prog.	Fall Semester	Fri.	4	2	II
M	制御系設計学基礎	Fundamentals of Control System Design	KOGISO, Kiminao	Master Prog.	Spring Semester	Thu.	3	2	II
M	Advanced Robotics and Mechatronics Engineering	Advanced Robotics and Mechatronics Engineering	AOYAMA, Hisayuki	Master and Doctor Prog.	Spring Semester			2	I
M	ロボット情報工学特論	Advanced Information Engineering for Robotics	KANEKO, Masahide & NA GAI, Takayuki	Master and Doctor Prog.	Fall Semester	Thu.	3	2	II
M	生体計測工学特論	Advanced Bioinstrumentation Engineering	KOIKE, Takuzi & MASAMOTO, Kazuto	Master and Doctor Prog.	Fall Semester	Thu.	5	2	II
M	組み込み制御システム学特論	Advanced Embedded Control System	SHIN, Seiti & SAWADA, Kenji	Master and Doctor Prog.	Fall Semester	Fri.	4	2	II
S	量子物理学基礎	Fundamentals of Quantum Physics	WATANABE, Sinnichi	Master Prog.	Spring Semester	Mon.	2	2	II
S	分子細胞生物学基礎	Fundamentals of Cell and Molecular Biology	SHIRAKAWA, Hideki	Master Prog.	Spring Semester	Tue.	1	2	II
S	ナノエレクトロニクス特論	Advanced Nano-electronics	NAKAMURA, Jun	Master and Doctor Prog.	Spring Semester	Tue.	2	2	II
S	ナノフォトニクス特論	Advanced Nanophotonics	OKADA, Yoshiko & SHOJI, Satoru	Master and Doctor Prog.	Spring Semester	Wed.	3	2	II
S	固体物性論基礎	Fundamentals of Solid State Physics	ABE, Kohji	Master Prog.	Spring Semester	Fri.	2	2	II
S	応用電磁気学	Fundamentals of Electromagnetic Theory	NAKAGAWA, Ken'ichi & SHIRAKAWA, Akira	Master Prog.	Fall Semester	Mon.	2	2	II
S	集積回路設計学特論	Advanced Integrated Circuit Design	PHAM Cong-kha	Master and Doctor Prog.	Fall Semester	Mon.	5	2	II
S	情報光学特論	Advanced Information Optics and Photonics	MUSHA, Mitsuru	Master and Doctor Prog.	Fall Semester	Tue.	2	2	II
S	超伝導デバイス特論	Advanced Superconducting Electronic Devices	MIZUGAKI, Yoshinao	Master and Doctor Prog.	Fall Semester	Thu.	1	2	II
S	生体計測工学特論	Advanced Bioinstrumentation Engineering	KOIKE, Takuzi & MASAMOTO, Kazuto	Master and Doctor Prog.	Fall Semester	Thu.	5	2	II
S	凝縮体量子工学特論	Selected Topics on Quantum Degenerate Systems	SAITO, Hiroki & KISHIMOTO, Tetsuo	Master and Doctor Prog.	Fall Semester	Fri.	2	2	II

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S	光通信デバイス特論	Design Techniques of Opto-electronic Devices	UENO, Yoshiyasu	Master and Doctor Prog.	Fall Semester	Fri.	3	2	II
S	光通信システム特論	Advanced Optical Communication Systems	KISHI, Naoto	Master and Doctor Prog.	Fall Semester	Fri.	4	2	II
J, I, M, S	国際社会の政治・経済	Politics and Economics of International Society	MIYACHI, Takahiro	Master and Doctor Prog.	Spring Semester	Wed.	5	2	II
J, I, M, S	大学院国際プロジェクト(情報通信)	Graduate course international project (information and communication)	XIAO, Fengchao & MATSUMOTO, Mitsuharu & ADACHI, Koichi	Master Prog.	Spring Semester			2	II