

College of Energy and Electrical Eng

Supervisor	Major	Research Directions
Automation Engineering Department		
WANG YI HONG 	Measurement technology and instruments	Research on the technology of intelligent recognition and detection
WANG BING 	Control theory and control engineering	Nonlinear control and new energy technology
WANG WAN CHENG 	Circuit and system	Control of nonlinear control theory, the method of soft measurement, power system
WANG HONG HUA 	Power electronics and electrical drive control theory and control engineering,	Advanced control theory and application, the motion control system, model of AC / DC power transmission
YIN BIN 	Power electronics and electrical drive	Automation technology, computer application technology, power electronics and electric drive technology
SUN YONG HUI 	Electrical engineering, control science and Engineering	Power system analysis and control, new energy power system modeling, load forecasting, stochastic system analysis and synthesis
LU XIN BIAO 	Control theory and control engineering and electrical engineering	Electric cars and multi-agent group behavior
LI ZHI HUA 	Power system and its automation	Electrical and electronic equipment fault diagnosis, intelligent traffic and GPS navigation, embedded system
LU GUO FANG 	Water conservancy engineering automation	Microcomputer control system
SU JIAN YUAN 	Power system and its automation	The computer control system
ZHOU JUN 	Control theory and control engineering	Complex nonlinear control systems complex frequency domain analysis
XU QUN 	Automation	Automation Instrumentation
YUAN XIAO LING 	Power electronics and electrical drive	Power electronics and electrical drive
QIAN YAN PING 	Power system and its automation	Senior industrial process control, information control network

FANG HONG QING 	Fluid machinery and engineering control theory and control engineering,	The hydraulic control unit and its transition process
Electrical Automation Experiment Center		
CAO LIN NING 	Mechanical major	Fault diagnosis of hydro turbine governor, the transition process simulation, hydraulic turbine unit
Electrical Engineering		
DING XIAO QUN 	Power system and its automation	Power system operation and control, electric power equipment fault diagnosis and power quality field
MA HONG ZHONG 	Power system and its automation	Power equipment condition monitoring, fault diagnosis and health warning
WEI ZHI NONG 	Power system and its automation	Analysis and control, power system planning and load forecasting of power system
WANG MIN 	Power system and its automation	Renewable energy power generation, microgrid
SUN LI XIA 	Power system and its automation, power electronics and electrical drive	Application of power electronics in electric power system
SUN GUO QIANG 	Power system and its automation	The operation of the power system analysis, new energy power generation, DC power transmission system
LIU HAO MING	Power system and its automation	Power system and automation direction
YU YI PING 	Power system and its automation	Modeling, stability analysis and control of power system, power system
YAN DENG JUN 	Power system and its automation	Theory and technology of power system stability analysis
WU FENG 	Power system and its automation	Modeling and control of power system
CHEN XING YING	Power system and its automation	Equipped with electric field, energy field, the field of new energy and power sectors of the economy

LI LONG 	Hydraulic machinery and Engineering	Design and experimental research of optimization of hydraulic machinery and engineering theory,
ZHANG DE HU 	Water conservancy and Hydroelectric Power Engineering	The transition process and control of hydraulic turbine
YANG GUANG MING 	Hydroelectric Power Engineering	Safety evaluation of water engineering and research and fluid machinery and metal structure safety
ZHENG SHENG YI 	Hydroelectric Power Engineering	Optimization design theory of water conservancy and Hydropower Engineering, water conservancy machinery, metal structure, pressure pipe
ZHOU DA QING 	Hydraulic machinery and Engineering	Hydraulic machinery and system transition process; fluid machinery design and performance optimization; power station, hydraulic pump station
QU BO 	Hydraulic machinery and Engineering	
GUO JIAN BIN 	Hydraulic machinery and Engineering	Study on the prediction of large, oversize water conservancy machinery safety reliability and safety life
ZHAO HENG WEN 	Mechanical Engineering	New tidal generator
QIN ZHAN SHENG 	Mechanical major	Safety inspection and evaluation of hydraulic metal structure; mechanical design and theory; the wind power technology
CAO LIN NING 	Thermal energy and power engineering	The speed governor of turbine, hydraulic turbine transition process simulation