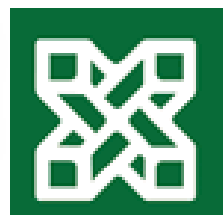




汕頭大學  
SHANTOU UNIVERSITY



## College of Science Shantou University

### Dean

Prof. Wenhua LIU (Marine Biology) E-mail: [whliu@stu.edu.cn](mailto:whliu@stu.edu.cn)

### Associate Deans

Prof. Hong DU (Biology) E-mail: [hdu@stu.edu.cn](mailto:hdu@stu.edu.cn)

Prof. Xiaochun HUANG (Chemistry) E-mail: [xchuang@stu.edu.cn](mailto:xchuang@stu.edu.cn)

### Director of International Affairs Office

Prof. Raymond SUN (Chemistry) E-mail: [rwysun@stu.edu.cn](mailto:rwysun@stu.edu.cn)

- Department of Mathematics
- Department of Physics
- Department of Chemistry
- Department of Biology
- Research Institute for Marine Biology
- Research Institute for Biomedical and Advanced Materials

## Department of Mathematics

Head of Department: **Prof. Shouzhi YANG** ([szyang@stu.edu.cn](mailto:szyang@stu.edu.cn))

### Dual Appointed Professors

<b>Prof. Zikun WANG</b> (Academician, CAS)	Ph.D. (Moscow State University, Russia 1958)	Probability Theory
<b>Prof. Kehe ZHU</b>	Ph.D. (State University of New York, USA, 1986)	Probability Theory

### Full Professors

<b>Prof. Furong LIN</b>	Ph.D. (The University of Hong Kong, 1995)	Numerical Linear Algebra and Numerical Methods for Inverse Problems
<b>Prof. Zengjian LOU</b>	Ph.D. (Australian National University, Australia, 2002)	Harmonic Analysis; Analytic Function Spaces and Operators
<b>Prof. Xiantao Wang</b>	Ph.D. (Hunan University, China, 1997)	Mobius and Kleinian Groups; Quasiconformal Mappings and Harmonic Mappings
<b>Prof. Caimin WEI</b>	Ph.D. (Dalian University of Technology, China, 2005)	Theory and Method of stochastic model, including Queuing, Inventory, Scheduling, Finance Mathematics, SPDE
<b>Prof. Hasi WULAN</b> Vice-President of Shantou University	Ph.D. (University of Joensuu, Finland, 1998)	Function Spaces and Theory of Operators; and Holomorphic Functions of One and Several Complex Variables
<b>Prof. Fei XU</b>	Ph.D. (University of Minnesota, USA, 2006)	Representations and Cohomology
<b>Prof. Shouzhi YANG</b> (Head of Department)	Ph.D. (Xi'an Jiaotong University, China, 2002)	Construction of Multiwavelets with High Approximation Order and Symmetry
<b>Prof. Zhongqiang YANG</b>	Ph.D. (University of Tsukuba, Japan, 1994)	Topology and Fuzzy Mathematics
<b>Prof. Ruisong YE</b>	Ph.D. (Shanghai University, China, 1995)	Bifurcation Theory and Its Numerical Computation; Fractal Geometry; Chaotic Dynamical System and; Image Security

### Other Key Faculty Members

<b>Dr. Christian RAU</b> Associate Professor	Ph.D. (Australian National University, Australia, 2003)	Probability theory, mathematical statistics
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<b>Yanming CHEN</b> Lecturer	B.Sc. (Sun Yat-Sen University, China, 1983)	-
<b>Dr. Minqiang YU</b> Associate Professor	Ph.D. (Beijing Normal University, China)	Topology and Fuzzy Mathematics
<b>Dr. Jian LI</b> Lecturer	Ph.D. (University of Science and Technology of China, 2012)	-
<b>Dr. Xiaoping LIN</b> Associate Professor	Ph.D. (Shantou University, China, 2010)	Numerical Analysis and Mathematical Ecology
<b>Dr. Chaoqiang TAN</b> Associate Professor	Ph.D. (Sun Yat-sen University, China, 2008)	Harmonic Analysis
<b>Zhangzhen XIE</b> Associate Professor	B.Sc. (Henan Normal University, China, 1986)	Wavelet Analysis and Approximation Theory
<b>Dr. Chengjie YU</b> Associate Professor	Ph.D. (Chinese University of Hong Kong)	Fundamental Mathematics

## Department of Physics

Head of Department: **Prof. Shaohui LI** ([shli@stu.edu.cn](mailto:shli@stu.edu.cn))

### Full Professors

<b>Prof. Zhangjin CHEN</b>	Ph.D. (University of Missouri, USA, 2005)	Atomic Collisions Using Quantum Collision Theory; and Interaction of Atoms and Molecules with Intense Laser
<b>Prof. Shaohui LI</b> Head of Department	Ph.D. (Shanghai Institute of Optics and Fine Mechanics, China, 2005)	Photonic Crystal and Surface Plasmon Polariton; and Interaction of Ultra-Intense Laser with Gas or Metal Clusters
<b>Prof. Wenhui MA</b>	Ph.D. (Nanjing University, China, 1996)	Ferroelectric and Piezoelectric Materials
<b>Prof. Xiaohong SONG</b>	Ph.D. (Shanghai Institute of Optics and Fine Mechanics, China, 2005)	Ultrafast Nonlinear Processes in Various Media and Ultrafast Nano-Optics
<b>Prof. Jianxin SU</b>	Ph.D. (University of Liverpool, UK, 2003)	Research on the Application of Structural Acoustic
<b>Prof. Guoyong SUN</b>	Ph.D. (Shanghai Institute of Optics and Fine Mechanics, China, 2005)	Optical Fiber Sensors, Fiber Lasers
<b>Prof. Jiangyong WANG</b>	Ph.D. (South Africa University, South Africa, 1997)	Diffusion, Segregation and Phase Transformation in Thin Films
<b>Prof. Ping WU</b>	Ph.D. (Sun Yat-sen University, China, 2007)	Optical and Electrical Properties of Low Dimensional Semiconductor; and Field Electron Emission of Nano-Material
<b>Prof. Weifeng YANG</b>	Ph.D. (Shanghai Institute of Optics and Fine Mechanics, China, 2007)	Ultrafast Electron Dynamics with Strong Laser Field; and Propagation Effects of Ultrashort Laser Pulse in Atomic/ Molecular Media.

### Other Key Faculty Members

<b>Dr. Lingfei CHI</b> Lecturer	Ph.D. (Sun Yat-sen University, China, 2007)	-
<b>Shiliu FU</b> Associate Professor	M.Phil (Sun Yat-sen University, China 1991)	Solid Luminescent Materials
<b>Yu HUANG</b> Associate Professor	B.Sc. (Suzhou University, China, 1982)	Optoelectronic Materials and Devices, LCD Technology, Laser Holography

<b>Shunhui LIN</b> Lecturer	Ph.D. Candidate (City University of Hong Kong)	-
<b>Dr. Yilin LUO</b> Associate Professor	Ph.D. (The University of Hong Kong)	Preparation and Structural Properties of Nano-Silicon Thin Films
<b>Guiming QIU</b> Associate Professor	B.Sc. (Zhongshan University, China, 1983)	Acoustics, Modern Physics
<b>Yunpeng YU</b> Associate Professor	M.Phil (Shantou University and Peking University, China, 1999)	Thin Film Semiconductor Optoelectronic Materials
<b>Dr. Weian ZHU</b> Associate Professor	Ph.D. (Chongqing University, China)	Optoelectronics and Microelectronics, Micro-Electromechanical Systems, Image Sensors

## Department of Chemistry

Head of Department: **Prof. Qingxiao TONG** ([qxtong@stu.edu.cn](mailto:qxtong@stu.edu.cn))

### Full Professors

<b>Prof. Guanghui CHEN</b>	Ph.D. (Jilin University, China, 2004)	Chemical simulation and computational theory
<b>Prof. Hanjia CHEN</b>	Ph.D. (Sun Yat-sen University, China, 2006)	Synthesis of Functional Monomers/ Polymers, High Performance Plastics and Preparation of Dope, Adhesive, Printing Ink
<b>Prof. Yiwen FANG</b>	Ph.D. (South China University of Technology, China, 2006)	Synthesis, Characterization and Application of Zeolites; Dimethyl Ether Conversion; and Photocatalytic Reaction
<b>Prof. Wenhua GAO</b>	Ph.D. (Lanzhou University, China, 2005)	Preparation of Functional Nanomaterials and Theirs Application; The Interaction Study of Small Molecular with Proteins; and Capillary Electrophoresis
<b>Prof. Xiaochun HUANG</b> Associate Dean of College of Science	Ph.D. (Sun Yat-sen University, China, 2004)	Design and Application Studies of Functional Porous Metal-Organic Frameworks; and Nano-Functionalization of Low-Dimensional Metal-Organic Open-Frameworks.
<b>Prof. Dan LI</b> Vice-President of Shantou University	Ph.D. (The University of Hong Kong, 1993)	Supramolecular Coordination Chemistry; Metal-Organic Porous Materials; and Crystal Engineering
<b>Prof. Fushen LU</b>	Ph.D. (Institute of Chinese Academy of Science, China, 2005)	Nanostructured Materials for Novel Catalytical, Electrical Properties and Technological Applications
<b>Prof. Yibing SONG</b>	Ph.D. (South China University of Technology, China, 2002)	Heterogeneous Catalysis and Novel Catalytic Systems for Green Chemical Process
<b>Prof. Qingxiao TONG</b> Head of Department	Ph.D. (Technical Institute of Physics and Chemistry, CAS, China, 2004)	Organic photofunctional Materials Such as Organic Light-Emitting Materials; and Molecular Recognition

<b>Prof. Raymond Wai-Yin SUN</b>	Ph.D. (The University of Hong Kong, 2004)	Design and Medical Development of Novel Metal-Based Anti-Cancer and Anti-Viral Agents
<b>Prof. Yegao YIN</b>	Ph.D. (The University of Hong Kong, 1996)	Synthesis and Characterization of Catalytic-Active Polymers as Enzyme Mimics.
<b>Prof. Xin Zhang</b>	Ph.D (The University of Hong Kong, 1998)	Novel Nano-Materials and Applications; (Biological) Fuel cells and Hydrogen Production; and Biomimetic Materials
<b>Prof. Xiaoping ZHOU</b>	Ph.D.(City University of Hong Kong, 2010)	Crystal Engineering; Metal-Organic Porous Materials and; Photoelectric Functional Materials

#### **Other Key Faculty Members**

<b>Xiangming CHEN</b> Associate Professor	M.Phil. (Beijing University of Chemical Technology, China, 1986)	Polymer Chemistry and Physics
<b>Feng LU</b> Associate Professor	M.Phil. (Shanghai Normal University, China, 1986)	Fine Chemicals

## Department of Biology

Head of Department: **Prof. Yueling ZHANG** ([zhangyl@stu.edu.cn](mailto:zhangyl@stu.edu.cn))

### Full Professors

<b>Prof. Meizhen CHEN</b>	B.Sc. (University of Tropical Agriculture, China, 1978)	Bioactive Compounds and Functional Food Development
<b>Prof. Hong DU</b> Associate Dean of College of Science	Ph.D. (Jinan University, China, 2003)	Marine Ecology, Environment and Ecology of Algae, Algae Ecological Restoration, Marine Environmental Capacity
<b>Prof. Zhong HU</b>	Ph.D. (Lanzhou University, China, 2000)	Molecular Microbiology, Environmental Microbiology and Microbial Resources
<b>Prof. Yang LIU</b>	Ph.D. (Tianjin University, China, 2006)	Research on Protein, Polysaccharide, Active Peptide Separation; High-speed countercurrent chromatography; and Marine active substances
<b>Prof. Yueling ZHANG</b> Head of Department	Ph.D. (Xiamen University, China, 2003)	Crustacean Molecular Immunology and Proteomics, and Aquatic Animal Immunology and Disease

### Other Key Faculty Members

<b>Dr. Bingxin HUANG</b> Associate Professor	Ph.D. (Chinese Academy of Sciences, China, 2008)	Marine Biotechnology, Algae Resource Exploitation
<b>Hao LIN</b> Lecturer	M.Phil. (Peking University, China, 1985)	-
<b>Danqi WU</b> Associate Professor	M.Phil. (Sun Yat-sen University, China, 1988)	-
<b>Liling XIE</b> Associate Professor	M.Phil. (Jinan University, China, 1990)	Biochemistry and molecular Biology, Marine Biology, Medicinal Plants, Bio-Active Substances
<b>Jie YU</b> Associate Professor	B.Sc. (Tropical Agricultural University of South China, China, 1982)	Food Biotechnology, Bio-Active Substances



## Research Institute for Marine Biology

Head of Institute: **Prof. Yuanyou LI** ([yyli@stu.edu.cn](mailto:yyli@stu.edu.cn))

### Full Professors

<b>Prof. Lanping DING</b>	Ph.D. (Marine Research Institute, Chinese Academy of Sciences, China, 2003)	Macroalgae resources, classification, diversity and environmental adaptability, experimental biology, seed engineering and resource utilization, molecular phylogeny, physiological ecology, conservation biology
<b>Prof. Shengkang LI</b>	Ph.D. (Sun Yat-sen University, China, 2006)	Interaction of Pathogenic Microorganisms and Immune system in Maricultures; intestinal Microbes and Probiotics of Maricultures; and Marine Viruses.
<b>Prof. Yuanyou LI</b> Head of Institute	Ph.D. (Sun Yat-sen University, China, 1998)	Fish Physiology on Nutrition and Ambient Adaptation and; Aquafeed and Aquacultural Ecology
<b>Prof. Wenhua LIU</b> Dean of College of Science	Ph.D. (City University of Hong Kong, 2005)	Marine Mammal Biology, Ecology and Conservation; Marine Biodiversity Conservation; Marine Contaminants and Risk Assessment
<b>Prof. Zhiping MEI</b>	Ph.D. (Laval University, Canada, 2002)	Phytoplankton Ecology and Marine Primary Production; Biogeochemical Cycles of Marine Systems; and Marine Ecosystem Dynamics.
<b>Prof. Xiaobo WEN</b>	Ph.D. (East China Normal University, China, 2000)	Aquatic Economic Animal Nutrition Physiology, Aquatic Animal Nutrition and Feed
<b>Prof. Huaiping ZHENG</b>	Ph.D. (Institute of Oceanography, Chinese Academy of Sciences, China, 2005)	Shellfish Genetics and Breeding; Reproductive and Aquaculture; and Resources and Molecular Nutrition

### Other Key Faculty Members

<b>Shanwen CHEN</b> Lecturer	M.Phil. (Jinan University, China, 2001)	-
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<b>Weizhou CHEN</b> Associate Professor	B.Sc. (Ocean University of China, 1993)	Macroalgae Biology
<b>Dr. Ping LI</b> Lecturer	Ph.D. (Shantou University, China, 2009)	-
<b>Zewei SUN</b> Associate Professor	B.Sc. (Xiamen University, China, 1997)	Shellfish Genetics and Breeding; Protection and Development of Marine Biological Resources
<b>Shuqi WANG</b> Lecturer	M.Phil. (Sun Yat-sen University, 2003)	-
<b>Dr. Cuihong YOU</b> Lecturer	Ph.D. (Institute of Hydrobiology, Chinese Academy of Sciences, China)	-

## Research Institute for Biomedical and Advanced Materials

Head of Institute: **Prof. Dan LI** ([dli@stu.edu.cn](mailto:dli@stu.edu.cn))

### Full Professors

<b>Prof. Zhikai CHEN</b>	Ph.D. (University of Virginia, USA, 1997)	Neuroscience, Physiology, Pharmacology and Biomedical Engineering
<b>Prof. Chiju WEI</b>	Ph.D. (University of Connecticut, USA, 1998)	Islet Development; Treatment of Diabetes by Signaling PUMA-G; Molecular Therapy using fusogenic VSV-G nanoparticles