



学院简介

清华大学信息科学技术学院(以下简称:信息学 院)组建于1994年,目前由3个系、3个院组成,是 科技部批准组建的6个国家研究中心之一"北京信息 科学与技术国家研究中心"的具体依托单位。信息学 院是清华大学规模最大的学院之一,拥有7个一级学 科, 26 个二级学科, 6 个博士后流动站; 设有电子信 息科学与技术、微电子科学与工程、计算机科学与技术、 自动化、软件工程 5 个本科专业; 现有事业编制教职 工579人(教师503人,教学辅助人员61人,职工15人), 在校学生 6988 人(本科生 2787 人,硕士生 1698 人, 博士生 2503 人)。





组织机构



信息科学技术学院

School of Information cience and Technology

电子工程系 Department of Electronic Engineering

计算机科学与技术系

自动化系 Department of Automation

集成电路学院

School of Integrated Circuits 软件学院

School of Software

网络科学与网络空间研究院 Institute for Network Sciences and Cyberspace

科研机构

国家级科研机构 State Level Research Institutes 北京信息科学与技术国家研究中心 Beijing National Research Center for Information Science and Technology

国家企业信息化应用支撑软件工程技术研究中心 National Engineering Research Center for Enterprise Information Software

国家计算机集成制造系统 (CIMS) 工程技术研究中心 National Engineering Research Center for Computer Integrated Manufacture System

下一代互联网核心技术国家工程研究中心 National Engineering Research Center for Next Generation Interet

大数据系统软件国家工程研究中心 National Engineering Research Center for Big Data Software

数字电视国家工程实验室(北京) National Engineering Lab for Digital TV (Beijing)

电子商务交易技术国家工程实验室 National Engineering Lab for E-Commerce Technology

互联网体系结构全国重点实验室 State Key Laboratory of Internet Architecture

学科建设

● 一级学科



教师队伍

截至2023年底,信息学院共有教师503人, 入选各类国家级人才计划 256 人次。其中中国 科学院院士3人,中国工程院院士6人。





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教师人数



206 正高级职务

214 副高级职务

85 ^

自动化系

83 ^ 中级职务

57 ^ 集成电路学院

电子工程系 39

120 [^]

软件学院

39 ^ 网络科学与网络 空间研究院

109

计算机科学

与技术系

54['] 北京信息科学与技术 国家研究中心

科学研究

● 国家科技奖励

2014-2023年,信息学院累计获得国家科技奖励 29 项 (作为第一完成单位获得 21 项,作为参与单位 获得8项),包括国家自然科学奖6项,国家技术发 明奖9项,国家科学技术进步奖14项。





2014-2023 年作为第一完成单位 获两项一等国家科技奖励

● 近十年获得的国家 / 省部级创新团队 ● 论文专著专利

)	国家自然科学基金创新研究群体
	宽带无线通信理论及关键技术

○ 国家自然科学基金创新研究群体 支撑电子信息技术可持续发展的微纳集成光电子器件

国家自然科学基金创新研究群体 网络可视媒体智能处理

国家自然科学基金创新研究群体 生物信息学

○ 国家自然科学基金创新研究群体 工业大数据软件理论、技术与应用

国家自然科学基金创新研究群体 下一代互联网体系结构

国家自然科学基金创新研究群体 视觉信息智能分析与识别

创新人才推进计划重点领域创新团队 宽带多媒体传输技术创新团队

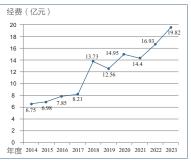
创新人才推进计划重点领域创新团队 下一代互联网创新团队

○ 教育部创新团队

○ 国防科技创新团队 XXX

年度	论文		专著	专利	
十尺	SCI	EI	マ白	申请	授权
2013	680	847	27	647	380
2014	689	667	21	565	317
2015	639	814	23	497	371
2016	735	882	15	522	477
2017	744	687	22	761	511
2018	662	765	17	745	520
2019	748	403	13	858	566
2020	444	491	21	1033	901
2021	727	480	23	1122	759
2022	788	449	11	1086	790
总计	6856	6485	193	7836	5592

● 科研经费



信息学院特色工作

2017 -

学生培养

学术交流

登峰基金 - 学生高水平国际竞赛基金 支持信息学院学生参加高水平国际竞 赛,提高学生的创新能力与国际竞 争力

清华 - 南加大本科生暑期交换项目

支持信息学院与美国南加州大学维 特比工程学院开展本科生暑期交换, 促进两校交流与合作, 提高学生全 球胜任力

2006

2004 -

登峰基金 - 研究生出席国际会议基金 支持信息学院学生参加高水平国际学

术会议,提高学生的学术水平与国际 交流能力

清华大学 - 英特尔奖学金

面向信息学院研究生设立的奖学金, 鼓励学生勤奋学习, 培养信息科学与 工程技术领域的优秀人才

1999

清华信息交叉创新沙龙

2022

由信息国家研究中心各交叉创新群体 发起,深入探讨关键学术问题和科研 攻关思路,推动开展交叉创新研究

2020

清华信息合作创新沙龙

由信息国家研究中心各联合研究中心 发起,深入探讨技术应用和产学研合 作,推动科研成果转化和产业发展

6

清华 - 南加大双边教授论坛 搭建清华大学与美国南加州大学

两校教师之间的交流平台,推动 国际合作

2005

清华信息大讲堂

支持信息学院教师邀请国内外知 名学者和专家来校做学术报告, 促进国际交流与合作

北京信息科学与技术国家研究中心系列交叉论坛

深入探讨国际前沿领域,推动跨学科交叉创新, 促进学科交叉融合

清华信息青年学者论坛

搭建清华大学信息领域青年学者交流 平台,推动跨学科交叉创新

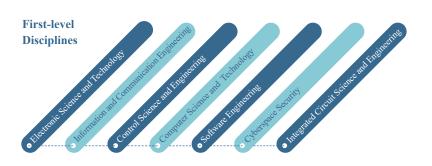
清华信息青年学者沙龙

邀请信息领域知名学者分享成长经历与 人生感悟, 助推青年学者快速成长

飞行动力学与飞行控制

Statistics of the Disciplinary Cluster of Information Science

Disciplinary Construction



Faculty

By the end of 2023, there were 503 faculty members in the School of Information Science and Technology, including 3 academicians of the Chinese Academy of Sciences and 6 academicians of the Chinese Academy of Engineering. Our faculty has been selected into various national talent programs for 256 person-times.



Composition



206 ¹

and Research Professors

Associate Professors

Lectures and Professors

Faculty size

120 Number

39 Number

Science and Technology

109 Number

Institute for Network Sciences and Cyberspace

Department of Compute

85 Number Department of

Associate Professors

School of Integrated

57 Number

Beijing National Research Center for Information Science and Technology

Research

National Science and Technology Award

From 2012 to 2021, the SIST won a total of 36 national science and technology awards (27 completed as the first unit and 9 as the participating unit), including 8 national natural science awards, 13 national technological invention awards and 15 national science and technology progress awards.

Papers/Books/Patents

Year	Papers		Books	Patents	
icai	SCI	EI	DOOKS	Filled	Granted
2013	680	847	27	647	380
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Research Funding



National/provincial innovation teams recognized in the recent decade

O Innovative Research Group of National Natural Science Foundation of China

Theory and Key Technologies of Broadband Wireless Communication

Innovative Research Group of National Natural Science Foundation of China

Theory and key technologies of broadband wireless

Innovative Research Group of National Natural Science Foundation of China

Micro-nano integrated optoelectronic devices supporting the sustainable development of electronic information technology

Innovative Research Group of National Natural Science Foundation of China Intelligent processing of network visual media

O Innovative Research Group of National Natural Science Foundation of China Bioinformatics

O Innovative Research Group of National Natural Science Foundation of China

Theory, technology and application of industrial big data software

Innovation Team in Key Areas of Innovation Talent Promotion Program

Broadband multimedia transmission technology innovation team

Innovation Team in Key Areas of Innovation Talent Promotion Program

Next generation internet innovation team

Innovation Team of Ministry of Education Intelligent processing of massive network visual media

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Innovation Team of Ministry of Education Flight dynamics and flight control

National Defense Science and Technology Innovation Team

Work of the SIST

Student Training

Support students of SIST to participate in high-level international competitions, and improve

Deng Feng Fund- Fund for Students to Attend High-level International Competitions

their innovative ability and international competitiveness.

THU-USC Undergraduate Summer Exchange Program Support SIST, Tsinghua University and the Viterbi School of Engineering, University of Southern California (USC) to carry out undergraduate summer exchange, promote exchanges and cooperation between the two universities, and improve students' global competence.

Deng Feng Fund- Fund for Postgraduate Students to Attend International Conferences

Support students of SIST to participate in high-level international academic conferences and improve their academic competence and international communication ability.

Scholarship for graduate students of SIST encourage students to study hard and cultivate outstanding talents in the fields of information science and engineering technology.

Academic Exchange

Tsinghua Information Interdisciplinary Innovation Salon

Initiated by various cross-innovation groups of the Beijing National Research Center for Information Science and Technology, the salon deeply explores key academic issues and scientific research ideas and promotes cross-innovation research.

Tsinghua Information Cooperative Innovation Salon

Initiated by various joint research centers of the Beijing National Research Center for Information Science and Technology, the salon deeply explores the application of technologies and Industry-University-Research cooperation, and promotes the transformation of research achievements and industrial development.

Beijing National Research Center for Information Science and Technology Cross-Disciplinary

Explore international frontiers, promote interdisciplinary innovation, and promote interdisciplinary integration

Tsinghua Information Young Scholars Forum

Set up a platform for exchange of young scholars in information in Tsinghua University, and promote cross-disciplinary innovation.

Tsinghua Information Young Scholars Salon

Invite well-known scholars in the information field to share their growth stories and life experiences, and promote the rapid growth of young scholars.

THU-USC Faculty Research Symposium

Set up a communication platform between the faculties of Tsinghua University and USC to promote international cooperation.

Tsinghua Information Forum

Support the faculty of SIST to invite well-known scholars and experts from home and abroad to deliver academic reports and promote international exchanges and cooperation.





消 著大学信息科学技术学院 f Information Science and Technology, Tsinghua Universit



