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学生风采 高校合作

中方教师

江志斌

上海交通大学中美物流研究院院长

联系方式
地址：
电话：
电子信箱：zbjiang@mail.sjtu.edu.cn

详细介绍

教育背景：

1996-1999 香港城市大学博士
1982-1985 江苏大学硕士
1978-1982 合肥工业大学学士

工作经历：
1985年月-1997年11月：合肥工业大学，讲师、副教授，曾任教研室副主任，新技术发展研究所所长；
1997年12月-99年8月：合肥工业大学汽车工程学院教授；
1999年9月-2001年11月：机械与汽车工程学院制造与工业工程系主任、教授、博导；
2001年12月至今：上海交通大学工业工程与管理系主任、教授、博导;
2006年6月至2018年9月：上海交通大学中美物流研究院副院长;
2007年7月至2014年7月：上海交通大学教务处处长；
2010年6月至今：上海交通大学长三角服务科学与企业创新研究中心　主任；
2014年7至今：上海交通大学慕课推进办主任、慕课研究院院长。
2013年3月至今：上海交通大学特聘教授。

研究方向：
生产与服务系统建模与优化；
生产计划与调度控制；
物流与供应链管理；
健康服务工程及医院运作管理；
服务科学及服务型制造。

科研项目：
1) 2016.1-2017.12：科技部创新方法专项(SQ2015IMC000008)，精益医院管理创新方法体系及应用示范，238万，项目负责人；
2) 2015-2019：国家自然科学基金重点项目，医疗健康服务价值链整合与管理（71432006），259万，项目负责人；
3) 2011-2014：国家科技重大专项 “极大规模集成电路制造装备及成套工艺”课题(2011ZX02501-005)子课题“集成电路生产线自动化调度控制软件技术”，排名第二，课题首席专家，1162万（负

责课题经费210万）。
4) 2014-2017，重大疾病诊疗时变多目标决策与控制方法研究，国家自然科学基金项目（ 61374095），81万，项目负责人。
5) 2015-2016，上海电力招标项目，基于大数据的电网企业运营管理优化研究，80万，项目负责人；
6) 2014.1-12，辽宁三三工业有限公司服务型制造推行模式开发，项目经费40万，项目负责人；
7) 2010.1-2013.12：服务型制造运行机理与运作管理新方法研究，国家自然科学基金重点项目（70932004），120万，项目负责人
8) 2010-2012: 博士点基金项目（20090073110035），服务型制造的服务/制造混合供应链管理理论方法研究， 6万，项目负责人。
9) 2009.1-2011, 国家自然科学基金项目香港研究资助局联合资助项目(70831160527),集装箱区域运输的协作管理: 优化模型和决策系統（Collaborative Regional Container Flow Management: Models and Systems Development）,25万人民币＋65万港币，项目负责人。
10) 2009.1-2011.12.31:虚拟实验教学资源构件的多领域建模与装配平台研究，“十一五”国家科技支撑计划重点项目（2008BAH29B03），149万，负责人；
11) 2009-2011,上海市教委2009年度科研创新重点项目(09ZZ19),服务型制造组织网络结构与构建机理研究,15万,项目负责人
12) 2010.12－2011.6， 上海集优机械股份有限公司服务型制造模式优化及运作管理平台规划研究，80万，项目负责人。
13) 2007-2009: 现代医院资源优化配置与管理关键技术及集成平台的研究，上海交通大学重大项目培育基金，项目负责人；
14) 2009.1-2011, 国家自然科学基金项目(70872077), 协同物流优化运作管理方法研究，26万，项目负责人。
15) 2008.1-20010.12，国家自然科学基金项目（60774103），面向临床路径的工作流可重构建模与自适应方法研究，34万，项目负责人。
16) 2007.1-2008.12：半导体芯片制造大规模自适应调度优化调度，国家863现代集成技术专题项目，项目负责人（2006AA04Z128）。
17) 2005.1-2007.12: 国家自然科学基金项目（50475027）,大规模复杂重入型制造系统的建模方法的研究，项目负责人。
18) 2004.11-2007: 重入型复杂制造系统时变多目标生产控制方法的研究(20040248052),博士点基金项目，项目负责人
19) 2003.3-: 国防科技预研基金项目(国防科技重点实验室基金项目)，基于自治与协调机制的制造资源快速组织与生产管理(51458050203JW0306)，项目负责人。
20) 2003.1-2005.12: 国家自然基金项目（70271036,），基于自治与协调机制的可适应生产调度方法

的研究，15万，项目负责人。
21) 2004.1-2005.8：上海市科委科委科技攻关项目，洋山深水港-桥-城集装箱集疏运与交通仿真研究，项目负责人。
22) 2003-2005：船舶制造工法研究，20万，外高桥造船有限公司委托项目，项目负责人。
23) 2002.4~2003.2: 上海滨海国际物流装备园区技术经济论证，项目主要成员。
24) 2002.2~2003.1: 安徽江淮汽车集团瑞风商务车底盘装配线计算机三维建模仿真与物流优化，项目负责人。
25) 香港RGC项目（7001151），Modeling dynamic production scheduling systems using object-oriented Petri nets with changeable structure，25万港币，大陆方负责人
26) 2000.1-2002.12, 教育部留学回国人员基金项目，变结构PETRI网性能分析方法及其在具有时变特征的制造系统建模中的应用，项目负责人
27) 2001.12-2003.12，安徽省自然科学基金项目（01042307），可变制造系统智能自适应生产调度方法的研究
28) 2001.1-2003.12，国家自然基金项目（50085003）基于变结构Petri网的可变制造系统建模方法的研究，项目负责人。
29) Intelligent Planning & Optimization in Complex Industrial System, 46.2 万港币香港CERG项目, 主要参加者。
30) Determination of market-focused product design targets using a fuzzy quality function deployment approach, 香港战略研究项目SGR, 1998~2002, 27万港币, 主要参加者
31) A market-focused rapid product development and planning system, 香港CERG项目, 50 万港币香港CERG项目, 主要参加者。
32) 1999年12月~2002.12: 虚拟企业环境下信息共享管理系统的研究, 安徽省国际合作项目(编号: 99258006), 项目负责人
33) 1998.10-1999.5: Stochastic Object-oriented Petri Nets for Modeling Reliability of Manufacturing Systems, 加拿大Alberta大学基金项目，项目主要完成人。
34) 1996年-1999年：Petri Nets with changeable structures (PNs-CS) for modeling and adaptive control of OKP systems，香港城市大学博士研究基金项目，项目负责人，已完成
35) 1996年-1998年：Production planning and control in one-of-a-kind production (OKP), 香港政府研究基金项目，在香港城市大学进行，主要参加者，已完成。

代表性论文专著：
著作及章节
[1) 《服务型制造运作管理》，科学出版社，第一作者，2016年12月。
2) 《半导体芯片制造系统建模与优化调度控制》(获2010年国家科技著作出版基金资助)，独著，上

海交通大学出版社，2011年。
3) 《Petri网及其在制造系统建模与控制中的应用》，25万字，独著，机械工业出版社，2004年5月。
4) 《工业工程手册（下）》，主译，清华大学出版社，2006。
5) Yuanbo Li and Zhibin Jiang, An Overview of Reliability and Failure Modes Analysis for Microelectromechanical Systems (MEMS), in Handbook of Performability Engineering, Publisher London, 2007
6) The proceeding of IE&EM'2003 ，主编，机械工业出版社，2003。

重要国际期刊论文：
[1]. Yuwei Lv, Xiaolan Xie, and Zhibin Jiang, Dynamic Appointment Scheduling with Wait-Dependent Abandonment European Journal of Operational Research, accepted by EJOR, 2017.
[2]. Na Li, Nan Kong, Quanlin Li & Zhibin Jiang, Evaluation of reverse referral partnership in a tiered hospital system – A queuing-based approach, International Journal of Production Research , 55(19) , 2017.
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[4]. Wenyou Jia, Hao Chen, Li Liu, Zhibin Jiang, You Li，Full-batch-oriented scheduling algorithm on batch processing workstation of β 1 → β 2 type with re-entrant flow，International Journal of Computer Integrated Manufacturing 02/2017;
[5]. Biao Yuan, Zhibin Jiang* and Lei Wang, Dynamic parallel machine scheduling with random breakdowns using the learning agent, Int. J. Services Operations and Informatics, Vol. 8, No. 2, 2016.
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[7]. Y. Li, ZB Jiang* and WY Jia, API-based two-dimensional dispatching decision-making approach for semiconductor wafer fabrication with operation due date related objectives, International Journal of Production Research, 2016，Online.
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[9]. Yuan, Biao; Liu, Ran; Jiang, Zhibin*, A branch-and-price algorithm for the home health care scheduling and routing problem with stochastic service times and skill requirements International Journal of Production Research, 2015,53(24):7450-7464.
[10]. Jia, Wenyou; Jiang, Zhibin; Li, You, Scheduling to minimize the makespan in large-piece one-of-a-kind production with machine availability constraints , Expert Systems with Applications, 2015,42(23): 9174-9182.

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[16]. Biao Yuan, Chaoyong Zhang, Xinyu Shao, Zhibin Jiang, An effective hybrid honey bee mating optimization algorithm for balancing mixed-model two-sided assembly , Computers & Operations Research，2015，53：32–41
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[18]. Li You, Jiang Zhibin, and Jia Wenyou, An integrated release and dispatch policy for semiconductor wafer fabrication, International Journal of Production Research, 2014, 52(8): 2275-2292 .
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Customer Perceived Value of Electric Vehicles, International Journal of Production Research, 2014, 52 (16): 4820-4834.
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教学工作：

1) 主讲本科生课程《生产计划与控制》（全英文讲授），获国家级精品课程；
2）主讲本科生课程《生产计划与控制》课程设计；
3)主讲本科生课程《微观经济学》。

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学术兼职：
国际工业工程师学会 会士 （IIE Fellow)
国际工业工程师学会IIE北京分 会主席(2006-2008)
中国机械工程学会工业工程分会 副主任委员
教育部工业工程类专业教学指导委员会 副主任委员
国际电工学会IEEE 高级会员
INFORMS 会员
中国工业工程专家（2000年8月国家级认证）
上海市机械工程学会工业工程专业委员会 副主任委员；
国际期刊《International J of Production Research》 副主编
国际期刊《International Journal of Performability Engineering》 编委
国际期刊《International Journal of Operations & Service Informatics》 副主编
国际期刊《Service Science》 编委

荣誉奖励：
1）2013年入选教育部长江学者奖励计划特聘教授；
2）2013年《Production Planning and Control》被选为国家级来华留学生精品课程
3）2013年《工业工程导论》被评为国家级精品课程（导论类）
4）2012年被授予”中国有突出贡献的工业工程专家“称号；
5）2010年工业工程骨干专业课程教学团队被评为国家级教学团队；
6) 2009年第五届上海高等学校教学名师奖；
7) “依托研究型大学科研优势，培养本科创新人才”2009年获国家级教学成果2等奖（排名第2）

8) 2007年度宝钢优秀教师奖； 2014年宝钢优秀教师特等奖。

传真：021-62932117 电话：021-62932115 62932399 E-mail：djhuang@sjtu.edu.cn