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陈为, 1976 年生, 博士, 教授, IEEE 会员。1996 年本科毕业于浙江大学应用数学系, 2000 年 6 月至 2002 年 6 月在德国 Fraunhofer 图形研究所攻读联合培养博士, 2002 年 9 月进入浙江大学 CAD&CG 国家重点实验室工作, 2004 年 12 月晋升副教授, 2009 年 12 月晋升教授。2006 年 7 月至 2008 年 9 月受浙江大学新星计划资助, 在美国普渡大学从事访问研究。已(含合作)培养博士研究生 5 名, 硕士研究生 12 名, 主持国家 973 项目子课题两项、863 高科技项目一项, 国家自然科学基金面上项目和浙江省自然科学基金各两项。

发表国际一流学术期刊论文 30 篇, 包括 7 篇国际顶级期刊 (IEEE Transactions)。中国大陆在可视化顶级会议 IEEE Visualization 发表的前 3 篇第一单位论文, 全部由本人以第一作者身份发表。在欧洲图形学 2008 大会上作教程报告, 论文入选国际顶尖会议 (如 IEEE Visualization, Eurographics, EuroVis)10 余次, 包括 6 次 IEEE Visualization 会议。发表论文被国际同行他引 200 余次 (包括两本英文教材), 论文结果被选入国际学术论文集封面 3 次, 1 篇论文入选 IEEE Visualization 最佳论文题名名单, 两次荣获中国计算机图形学大会优秀论文奖 (2004,2008), 获批美国、中国专利各 2 项, 中国软件注册 2 项, 根据论文成果形成的关于弥散张量成像的可视化开源软件已经有数百次下载。

担任期刊《计算机辅助设计与图形学学报》编委。担任国际著名学术会议程序委员会委员多次 (IEEE Visualization, Pacific Graphics, CGI, Pacific Vis 等)。是中国大陆第一个担任国际顶级会议 IEEE Visualization 程序委员会委员 (2009-2011) 的学者。

科研项目

1. 负责人。数字化肝脏建模, 浙江省科技厅公益科技项目, 2011.01-2012.12
2. 负责人。计算机辅助科技图解的若干关键技术研究, 国家自然科学基金, 2009--2011
3. 负责人。无网格体数据的特征分析和动态可视化, 国家自然科学基金, 2006-2008
4. 负责人。面向早期癌症诊断的代谢组学数据的三维信息处理, 浙江省自然科学基金, 2009-2010
5. 负责人。三维视频游戏中的室外场景特效技术, 浙江省自然科学基金, 2006-2007
6. 负责人。基于图像、图形和视频的无缝集成与建模技术, 国家 863 高科技研究计划, 2004-2005
7. 三级子课题负责人。虚拟环境中的复杂表示与高效建模, 国家重大基础规划研究(973)计划, 2002-2006
8. 负责人。计算机辅助泌尿系统癌症诊断, 国家教育部归国留学人员基金, 2004-2005
9. 负责人。计算机辅助癌症诊断的关键技术研究, 浙江省归国留学人员基金, 2004-2005
10. 负责人。多模态体可视化技术研究, 浙江省教育厅青年基金, 2004-2005
11. 主要参与者。重大临床医学图像信息处理, 国家重大基础规划研究(973)计划, 2003-2007
12. 主要参与者。影视特效制作新技术研究, 国家 863 高科技项目, 2007-2008
13. 主要参与者。蛋白质分子场的表达与分析, 国家自然科学基金重点项目, 2006-2009

● 出版教材

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● 国际会议

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演讲与报告

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36. AMR (Adaptive Mesh Refinement) Visualization Problems, Workshop on Visualization, Beijing, 10th. July, 2011 (Panlist)
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- 专利和软件注册

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● **课程讲授**

1. 偏微分方程在计算机学科中的应用, 博士研究生课程, 2005, 2006, 2007
2. 计算机游戏程序设计, 计算机学院本科课程, 2004, 2005, 2006, 2009-2012