

Why Social Network Matters? A Novel Model for Graduate Education

Tie-Jian Luo

Graduate University of Chinese Academy of Sciences

Abstract

Graduate students are at the early stage of their research career. They make use of on line environments and Web tools for communication and collaboration in learning and research projects. But how best researchers can be supported to establish and maintain personal networks and locate useful and high-quality information? Social network applications maybe part of the answer, such as MySpace, Facebook, and linkedin etc. Therefore it is critical to identify the key elements of social software which eventually support and enhance their work. In this paper, based on the analysis of the laws in peer-to-peer mentoring process, we propose a novel education model on integrating research and education in Chinese Academy of Sciences(CAS). Our model focuses on three aspects:(1)integrate scientific research methods with education for Active learning-oriented education;(2) a knowledge engine to promote the learning initiative, in order to complete the research and mentor expert community;(3)integrate internal with external resources to get better performance on learning and research.

Keywords social network 、 learning 、 graduate education 、 platform

罗铁坚 男

职 称：中科院 研究生院暨信息科学与工程学院 研究员

职 务：中科院 研究生院暨信息科学与工程学院 执行院长
中科院 研究生院「网络信息中心」主任

研究领域：知识搜索、万维网科学、社会计算、网格计算、网络安全

个人简介：任中科院研究生院暨信息科学与工程学院教授、博士生导师。主持承担了国家科技基础条件平台项目、欧盟网格计算国际项目、中科院知识创新重大专项—教育信息化、中国电信信息安全体系咨询项目。在国际期刊和会议上发表学术论文 60 多篇，获得国家专利 2 项，软件著作权 23 项。主讲了软件发展方法学、网格计算基础、计算器网络体系结构。

联络电话：86-10-88256308

联络邮箱：tjluo@gucas.ac.cn