

Mgr. Lenka Němečková

An analysis of research support in engineering with the emphasis on a university environment and based upon a survey of information behavior and information needs at the CTU in Prague and UCT Prague (*dissertation thesis*)

Analýza informační podpory uživatelů z oblasti technických oborů a věd s důrazem na vysokoškolské prostředí a opírající se o výzkum informačního chování a informačních potřeb provedený na ČVUT v Praze a VŠCHT Praha (*disertační práce*)

Abstract

This thesis is focused on the analysis of researchers' information behavior and information needs in engineering in academia and in industry. It is aimed at identifying trends in research support by university libraries based on research of information behavior and information needs that has been conducted at the CTU in Prague and UCT Prague and by a brief insight into industrial environment. Initial parts of the thesis provide an overview of classification schemes in engineering. It also describes brief differences between university and industry environment with the aim at defining the differences in user information needs. It further provides brief summary of theories and models of information behavior and identifies differences between information needs of students and researchers concluding in defining research skills as basic literacy skills for researchers. The core of the thesis is in identifying individual tools and services in university library research support. Together with the information needs and information behavior research results it forms the basis for identifying recommendations for the future development of research support services of university libraries.