## 학습과정으로서의 검색: 미래의 정보검색시스템 관련 연구 현황과 전망

(특강: 10월 4일. 목. 12:00~13:15, 600주년기념관 6층 첨단강의실)

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현재까지 정보검색시스템은 특정 요구에 맞는 정보를 찾아내는 도구로 규정되고 개발되어 왔다. 그러나 많은 사람들이 검색엔진을 일상생활에서 다양한 온라인 콘텐츠에 접근하는데 활용함에 따라, 이전에는 모르던 개념에 대한 정보를 찾아 읽고, 새로운 지식을 발견하고, 새로운 의미를 이해하는 등 점차 검색엔진의 활용 범위가 넓어지고 있다. 본 강연은 크게 세가지 주제로 구성되어 있다. 첫째, “학습과정으로서의 검색 (Searching as Learning)”을 소개하고 최근 몇 년간 진행된 관련 연구동향을 살펴보고자 한다. 둘째, 정보검색 과정에서 어떠한 학습이 이루어지는지에 대해 평가한 연구결과를 소개하고, 검색시스템의 새로운 평가기준을 제시하고자 한다. 셋째, 미래의 정보검색시스템이 나아가야 할 방향의 일환으로, 비판적이고 창의적인 학습을 지원하는 시스템 개발을 위한 연구를 제안한다.

Searching as Learning: Current Perspectives and Future Research Directions

Current search systems are optimized for findings facts or answers being less successful in supporting search tasks for human learning. The purpose of this talk is to present challenges and opportunities for future capacity of search systems to enhance learning outcomes and experiences, moving beyond their traditional role as information retrieval tools. The talk will begin by presenting the conceptual framework of searching as a learning process in which people engage in various search activities for learning such as analyzing, evaluating, and synthesizing information. I will present a lab-based user study in which we investigated potential indicators for assessing learning outcomes in web searching, focusing on the relationship between searching behavior and learning outcomes. I will conclude the talk by discussing core constructs to advance future search systems to support critical thinking and creativity during the search process.

Biosketch(강사 약력)

Soo Young Rieh is an Associate Professor in the School of Information at the University of Michigan where she served as the Director of the Master of Science in Information (MSI) Program from 2014 to 2017. Her research areas include human information behavior, web searching behavior, assessment of information credibility, searching as learning, and information literacy. Rieh was elected as a Director-at-large to the Board of Association for Information Science and Technology (ASIST). She is a member of the Steering Committee for ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR). She serves as an Associate Editor for Information and Learning Science, and a member of the Editorial Board for the Journal of the Association for Information Science and Technology (JASIST) and Library and Information Science Research. She is a recipient of several research awards, including the Best JASIST Paper Award, the ASIST Best Conference Paper Award, and the ASIST SIGUSE Award for Best Information Behavior Conference Paper. Before joining the University of Michigan faculty in 2002, Rieh was a Human Factors Research Engineer at Excite@Home Search and Directory Group. She received her Ph.D. in information science from Rutgers University.