

# HCIR 2010

www.hcir2010.org

Sun August 22, 2010  
New Brunswick, NJ, USA

# 4th Annual Workshop on Human-Computer Interaction and Information Retrieval

*The Fourth Workshop on Human-Computer Interaction and Information Retrieval (HCIR 2010) will be held in conjunction the Information Interaction in Context (IliX) Conference in New Brunswick, New Jersey, USA on August 22, 2010. New for this year, we will run an HCIR Challenge based on The New York Times Annotated Corpus!*

## KEYNOTE

- Dan Russell  
*Google*

## CHAIRS

- Bill Kules  
*The Catholic University of America*
- Daniel Tunkelang  
*Google*
- Ryen White  
*Microsoft Research*

## PROGRAM CHAIR

- Rob Capra  
*University of North Carolina at Chapel Hill*

## LOCAL ARRANGEMENTS CHAIR

- Catherine Smith  
*Rutgers University*

## SUPPORTERS

- Microsoft Research
- The New York Times
- Google
- Endeca

## BACKGROUND

HCIR combines research from the fields of human-computer interaction (HCI) and Information Retrieval (IR), placing an emphasis on human involvement in search activities. HCIR provides a forum for the discussion and dissemination of research at the intersection of HCI and search. The HCIR workshop has run annually since 2007. The workshop unites academic researchers and industrial practitioners working at the intersection of HCI and IR to develop models, tools, and evaluation metrics to support activities such as exploratory search, interactive information retrieval, sensemaking, and information foraging.

## FORMAT

We invite 4-page papers that fall into one three categories: position papers describing an idea, an opinion, or early-stage research; research papers describing a conducted research study, an implemented system, or a review of prior research, and; reports describing participation in the HCIR Challenge. Research and position papers will be reviewed by an international program committee. Papers will be judged based on relevance to HCIR. Idea diversity across all submissions may also be considered. The revised versions will be published on the workshop website before the event. Workshop time will be used for what participants have told us that they have found most valuable in previous events: posters and directed group discussions.

We will select 4-6 papers for presentation in a workshop panel. All other attendees are strongly encouraged to present posters during the morning "poster booster" session. Authors of selected HCIR Challenge reports will also have the opportunity to present at the workshop.

Our target is to have 50-75 participants.

Demonstrations of prototypes or complete systems are particularly welcome.

## NEW FOR 2010: THE HCIR CHALLENGE

The aim of the challenge is to encourage HCIR researchers and practitioners to build and demonstrate effective information access systems. Challenge participants will have no-cost access to a large collection of almost two million newspaper articles with rich metadata generously provided for challenge use by The New York Times. The focus of participation is building systems (or using existing ones) to help people search the collection interactively. Entries will be judged by a panel using prescribed criteria (specifically: effectiveness, efficiency, control, transparency, guidance, fun) and also by workshop attendees.

## TOPICS

Possible topics for discussion and presentation at the workshop include, but are not limited to:

- Novel search interaction techniques
- Modeling and evaluating interactive search
- Exploratory search and information discovery
- Information visualization and visual analytics
- Applying HCI techniques to domain-specific search
- Ethnography and user studies relevant to search and information access
- Scale and efficiency considerations for interactive search systems
- Relevance feedback and active learning for search
- Sensemaking and information foraging

## IMPORTANT DATES

- **Mon June 14, 2010:** Submission deadline for position and research papers (midnight PDT)
- **Mon July 12, 2010:** Submission deadline for HCIR Challenge reports (midnight PDT)
- **Fri July 16, 2010:** Decisions sent to authors
- **Fri July 23, 2010:** Registration deadline for authors of accepted papers
- **Fri July 30, 2010:** Final versions due
- **Sun Aug 22, 2010:** Workshop