User Modeling in Exploratory Search

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ABSTRACT
This is abstract.

Author Keywords
Exploratory Search; Information Retrieval; User Modeling.

ACM Classification Keywords
H.5.m. Information Interfaces and Presentation (e.g. HCI): Miscellaneous

General Terms
Human Factors; Design; Measurement.

INTRODUCTION
This is the introduction.

USER MODELING
Shortish explanation of user modeling key concepts. [13], [4]

Sterotypes
Modeling stereotypes. HCI reference needed. [2]

Personalization
Individualization of user models, Adaptive/Adaptable User Interfaces, intelligent user interfaces [1], [3], [16] (leads to original sources)

EXPLORATORY SEARCH IS SUBTOPIC OF INFORMATION RETRIEVAL

Information retrieval
There are many goals in information retrieval and exploratory search is one of them. [5], Kuhlthau, C.C. Inside the search process: Information seeking from the user's perspective (1991) Journal of the American Society for Information Science, 42 (5), pp. 361-371.

Exploratory Search
Introduction to exploratory search.

[11], [19] Tvaroek, M. (2011). Exploratory search in the adaptive social semantic web.Information Sciences and Technologies Bulletin of the ACM Slovakia, 3(1), 42-51.

USER MODELING IN EXPLORATORY SEARCH
How has user modeling been used in supporting exploratory search, example cases? What challenges have emerged? [12]

K. Sugiyama, K. Hatano and M. Yoshikawa, '"Adaptive Web search based on user profile constructed without any effort from users,"Thirteenth International World Wide Web Conference Proceedings, WWW2004, pp. 675-684

CONCLUSION
Here are the conclusions.

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