

<ccs2012>

<concept>

<concept_id>10003120.10003130.10011762</concept_id>

<concept_desc>Human-centered computing~Empirical studies in collaborative and social computing</concept_desc>

<concept_significance>500</concept_significance>

</concept>

<concept>

<concept_id>10003120.10003121.10003129</concept_id>

<concept_desc>Human-centered computing~Interactive systems and tools</concept_desc>

<concept_significance>300</concept_significance>

</concept>

<concept>

<concept_id>10010147.10010178</concept_id>

<concept_desc>Computing methodologies~Artificial intelligence</concept_desc>

<concept_significance>300</concept_significance>

</concept>

</ccs2012>