

# NTICR-12 IMine-2

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**山本 岳洋**

京都大学

**Yiqun Liu**

Tsinghua University

**Min Zhang**

Tsinghua University

**Zhicheng Dou**

Renmin University of China

**Ke Zhou**

Yahoo! Labs London

**Ilya Markov**

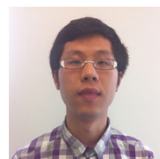
University of Amsterdam

**加藤 誠**

京都大学

**大島 裕明**

京都大学

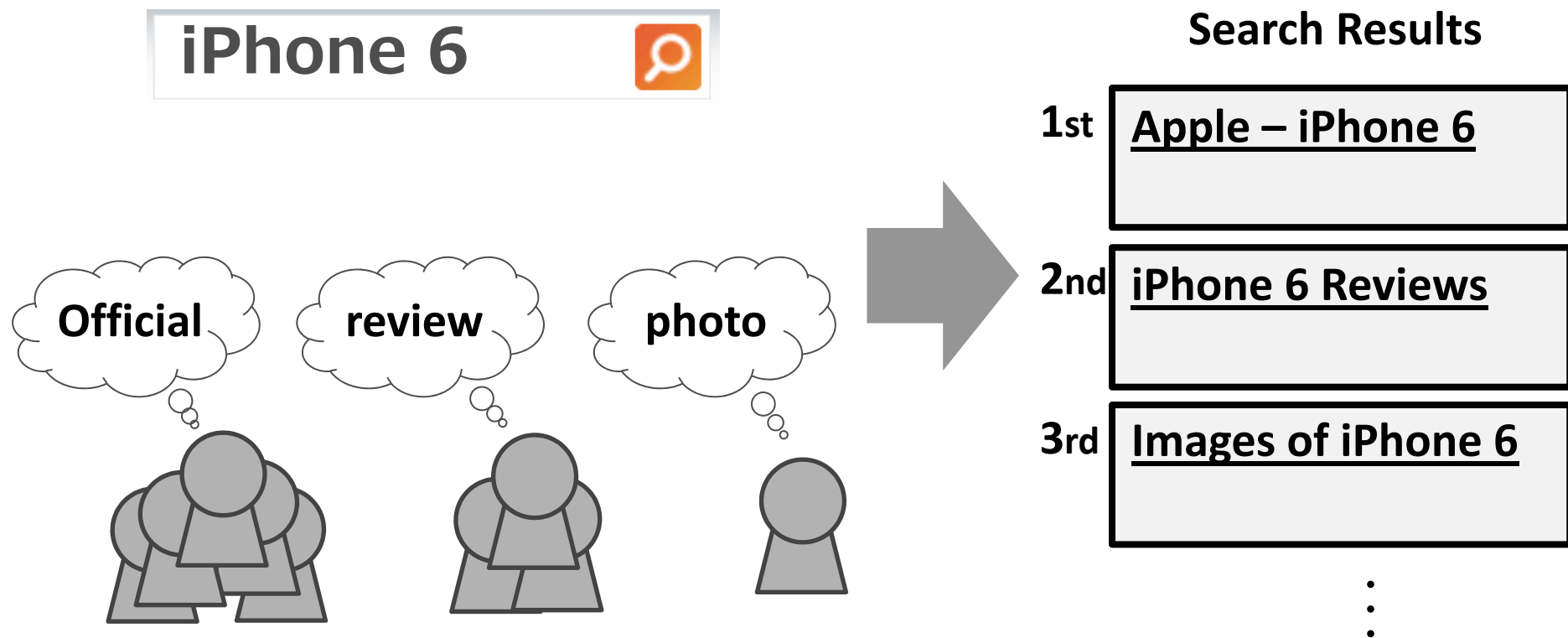


# IMine II

ユーザの  
**検索意図**理解

## 検索結果多様化(INTENT, INTENT-2, IMine-1)

**曖昧で短い検索クエリ**に対して、  
できるだけ多くの検索意図を満足させるような、  
**多様な検索結果**リストを生成すること



# IMine- 2

II

検索結果  
多様化

+

バーティカルな  
検索意図

**iPhone 6**

*official* Apple - iPhone 6  
<https://www.apple.com/iphone-6/>  
iPhone 6 isn't simply bigger — it's better in every way. Larger, yet dramatically thinner. More powerful, but remarkably power efficient. With a smooth metal ...  
More results from apple.com »

*sales* In the news  
This Is A Life-Changing Application That Every iPhone 6 Owner Should Download  
Business Insider - 1 day ago  
This means, if you buy an iPhone 5S, an iPhone 6, or an iPhone 6 Plus, you'll be able to ...  
iPhone 6, 6 Plus Availability And Wait Time Update: Apple Store, Verizon, Sprint, AT&T, Best Buy, RadioShack, Target  
Tech Times - 1 day ago  
More news for iPhone 6

*review* Apple iPhone 6 review - CNET  
[www.cnet.com](http://www.cnet.com) › Mobile › Phones  
★★★★★ Rating: 4.5 - Review by Scott Stein - Nov 21, 2014 - \$199.99 to \$789.10  
Nov 21, 2014 - The iPhone 6 is an exceptional phone in nearly every way except its average battery life: it's thin and fast with a spacious screen and the ...

*image* Images for iPhone 6 Report images  
  
More images for iPhone 6

ウェブ  
ニュース  
画像

||  
バーティカル

- **Query Understanding subtask**

サブトピックマイニング サブタスク

- **Vertical Incorporating subtask**

ドキュメントランキング サブタスク

より**実際のウェブ検索**に  
即したサブタスク

INPUT

クエリ

OUTPUT

クエリのサブトピックと、そのバーティカルな意図

iPhone 6



サブトピック

重要度

バーティカル

*iPhone 6 Apple**0.95**Web**iPhone 6 sales**0.80**News**iPhone 6 image**0.73**Image**iPhone 6 review**0.65**Web*

⋮

⋮

⋮

INPUT

クエリと様々なバーティカルの結果

OUTPUT

ランク付けされた, 多様化された検索結果

Vertical resources

Ranked list

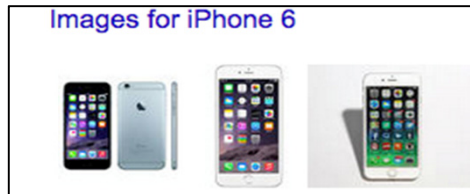
Web

Apple - iPhone 6  
<https://www.apple.com/iphone-6/>  
 iPhone 6 isn't simply bigger — it's better in every way. More powerful, but remarkably power efficient. With...  
[More results from apple.com »](#)

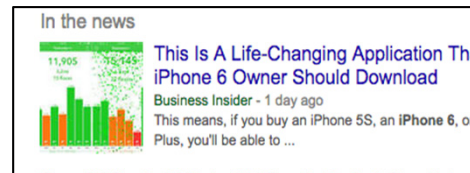
Apple iPhone 6 review - CNET  
[www.cnet.com](http://www.cnet.com) › Mobile › Phones  
 ★★★★★ Rating: 4.5 - Review by Scott Stein - Nov 21, 2014 - The iPhone 6 is an exceptional phone with an average battery life: it's thin and fast with a spacious...

This Is A Life-Changing Application That iPhone 6 Owners Should Download  
[www.businessinsider.com](http://www.businessinsider.com)  
 1 day ago - One of the best things about the new iPhone 6 is the new app tracker built in. This means, if you buy an iPhone 5S,...

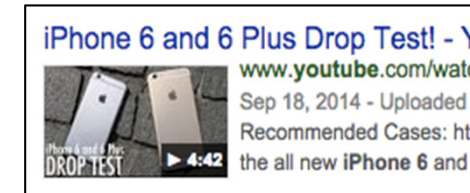
image



news



movie



1. [Apple - iPhone 6](#)  
<https://www.apple.com/iphone-6/>  
 iPhone 6 isn't simply bigger — it's better in every way. More powerful, but remarkably power efficient. With...  
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 Business Insider - 1 day ago  
 This means, if you buy an iPhone 5S, an iPhone 6, or an iPhone 6 Plus, you'll be able to ...  
 iPhone 6, 6 Plus Availability And Wait Time Update: Apple Store, Verizon, Sprint, Best Buy, RadioShack, Target  
 Tech Times - 1 day ago
3. Images for iPhone 6
4. [Apple iPhone 6 review - CNET](#)  
[www.cnet.com](http://www.cnet.com) › Mobile › Phones  
 ★★★★★ Rating: 4.5 - Review by Scott Stein - Nov 21, 2014 - The iPhone 6 is an exceptional phone with an average battery life: it's thin and fast with a spacious...



- **技術的課題**

- トピックに関する検索意図と  
バーティカルに関する検索意図の推定方法
- 異なる情報源の統合方法

- **このような方の参加を歓迎いたします**

- **最近のIRの研究**に興味がある
  - 検索結果多様化, 統合検索, ...
- **ウェブ検索エンジン**のランキングに興味がある
- 自然言語処理, 機械学習, データマイニング
- もちろん, IMineやINTENTの参加チーム

- **クエリログ**

- SogouQ (中)
- 複数の検索エンジンのクエリ推薦語

- **文書コーパス**

- SogouT (中)
- ClueWeb12 (英)

- **バーティカルリソース**

- さまざまな検索エンジンから集めた検索結果データ

<b>Month</b>	<b>Event</b>
<b>Apr-May 2015</b>	First CFP Topics released
<b>Jun, 2015</b>	Registration due
<b>Oct, 2015</b>	Run submissions due
<b>Feb, 2015</b>	Evaluation results released
<b>Jun, 2015</b>	NTCIR-12 Conference

# IMine-2

II

検索結果多様化+バーティカル

**HP:**

<http://www.dl.kuis.kyoto-u.ac.jp/imine2/>

**Email:**

imine2-  
organizers

@ dl.kuis.kyoto-u.ac.jp

# トピック の理解から **意図** の理解へ

