



**Welcome!**

# **NTCIR-9 Meeting & EVIA 2011**

Noriko Kando, Tsuneaki Kato, Eiichiro Sumita  
NTCIR-9 General Chairs

6<sup>th</sup> December 2011

# NTCIR: NII Test Collection for Information Retrieval

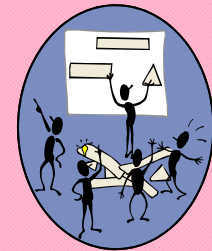


## → NII Testbeds and Community for Information Access Research

Research Infrastructure for Evaluating Information Access

A series of evaluation workshops designed to enhance research in information-access technologies by providing an infrastructure for large-scale evaluations.

Data sets, evaluation methodologies, and forum



### Project started in late 1997

- Once every 18 months

### Data sets (Test collections or TCs)

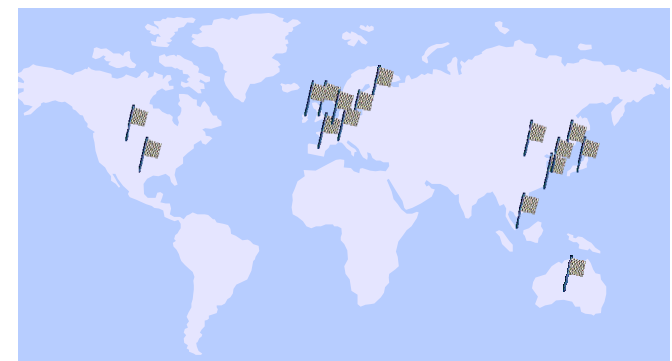
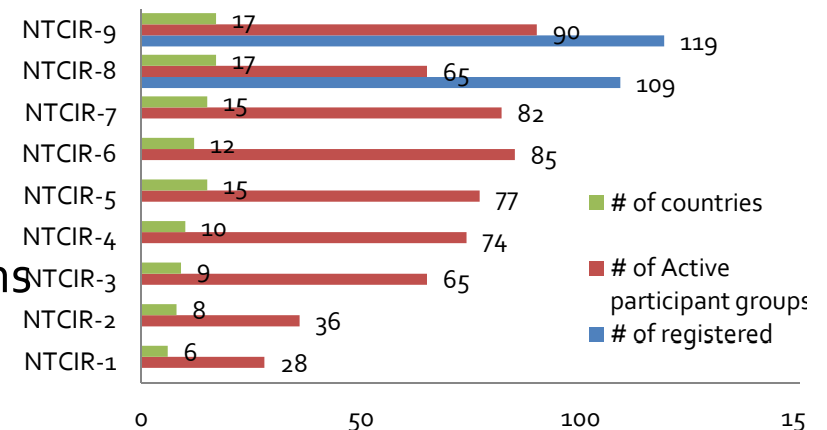
- Scientific, news, patents, web, CQA, Wiki, Exams
- Chinese, Korean, Japanese, and English

### Tasks (Research Areas)


- IR: Cross-lingual tasks, patents, web, Geo, Spoken
- QA : Monolingual tasks, cross-lingual tasks
- Summarization, trend info., patent maps, Inference,
- Opinion analysis, text mining, Intent, Link Discovery, Visual

### Community-led Research Activities

# of the TC Users : 2241



# Procedures in NTCIR Workshops

- Call for Task Proposals
- Selection of Task Proposals by Committee
- Discussion about Experimental Designs and Evaluation Methods (can be continued to Formal Runs)
- Registration to Task(s)
  - Deliver Training Data (Documents, Topics, Answers)
    - Experiments and Tuning by Each Participants
  - Deliver Test Data (Documents and Topics)
    - Experiments by Each Participants
- Submission of Experimental Results
- Pooling the Answer Candidates from the Submissions, and Conduct Manual Judgments
- Return Answers (Relevance Judgments) and Evaluation Results
- Workshop Meeting      Discussion for the Next Round 
- Test Collection Release for non-participants

# About NTCIR-9

What was new?

# NTCIR-9: Objectives

- Solid foundation
  - New structure
- Task diversity
  - Covers a wide context in Information Access
  - Studies rich media types
- Community-led task organisation
  - Sustainability of research
- Promotion of research resources
  - Show case in the NTCIR-9 Meeting

# NTCIR-9: Structure

- General Co-Chairs
  - Noriko Kando (NII)
  - Tsuneaki Kato (The University of Tokyo)
  - Eiichiro Sumita (NICT)
- Task Organisers
  - 40 researchers worldwide
  - 90 Participating Groups
- Program Co-Chairs
  - Hideo Joho (Tsukuba University)
  - Tetsuya Sakai (MSRA)
- EVIA Co-Chairs
  - ark Sanderson (RMIT)
  - William Webber (Melbourne University)
  - Kazuaki Kishida (Keio University)



**Highest Numbers!**

**Highest Numbers!**

# NTCIR-9 Tasks

## CORE TASKS

- [Intent] Intent (with One-Click Access)
- [RITE] Recognizing Inference in Text
- [GeoTime] Geotemporal information retrieval
- [SpokenDoc] IR for Spoken Documents

## PILOT TASKS

- [CrossLink] Cross-lingual Link Discovery
- [Vis-Ex] Interactive Visual Exploration
- [PatentMT] Patent Machine Translation

# NTCIR-9 Program Committee

- Hideo Joho, chair
- Tetsuya Sakai, chair
- Charles Clarke
- Fredric C. Gey
- Gareth Jones
- Noriko Kando
- Sung Hyon Myaeng
- Stephen Robertson
- Eiichiro Sumita



# NTCIR-9 Data Provider/Cooperation

CMU (Clue Web 09)

Hong Kong Institute of Education

Japan Patent Information Organization

Linguistic Data Consortium

Mainichi Newspaper

National Institute of Information and Communication Technology

National Institute for Japanese Language and Linguistics

Spoken Document Processing WG, SIG Spoken Language  
Processing, Information Processing Society Japan

Tsinghua University

UDN.COM

Zhuhai Chilinstar

And all the organizations of the task organizers !

# NTCIR-9 Meeting



<http://research.nii.ac.jp/ntcir/>

# NTCIR-9 Meeting

- 202 Registered Participants!
- Keynote: Prof. Junichi Tsujii
- Invited talks:
  - Mark Sanderson & William Webber
  - Iadh Ounis
- EVIA Panelists:
  - Hideo Joho, Gareth Jones, Ian Soboroff, Andrew Trotman

# NTCIR-9 Meeting Organization Committee

- General Co-Chairs:  
Noriko Kando, Tsuneaki Kato, Eiichiro Sumita
- Exhibitions Chair: Kai Ishikawa
- Local Arrangements Chair: Akiko Aizawa
- Poster Chair: Atsushi Fujii
- Publicity Chair: Hidetsugu Nanba
- Publications Chair: Daisuke Ishikawa
- Sponsor Chair: Hiroshi Nakagawa
- Travel Support Chair: Yohei Seki

Special Thanks to

## NTCIR-9 Meeting Sponsors

Hitachi, Ltd. → 12 Travel Supports

IBM Japan, Ltd.

IR-ALT, Inc.

Japan Patent Information Organization (Japio)

The Mainichi Newspapers

National Institute of Information and  
Communications Technology (NICT)

NTT Resonant Inc.

NTCIR-9



Thanks indeed!

Assessors

NTCIR-9



Thanks!

NTCIR Project Office

Miho Sugimoto

Mari Okada

Junko Evans

Fumiko Koiwahara

Ruiko Honma

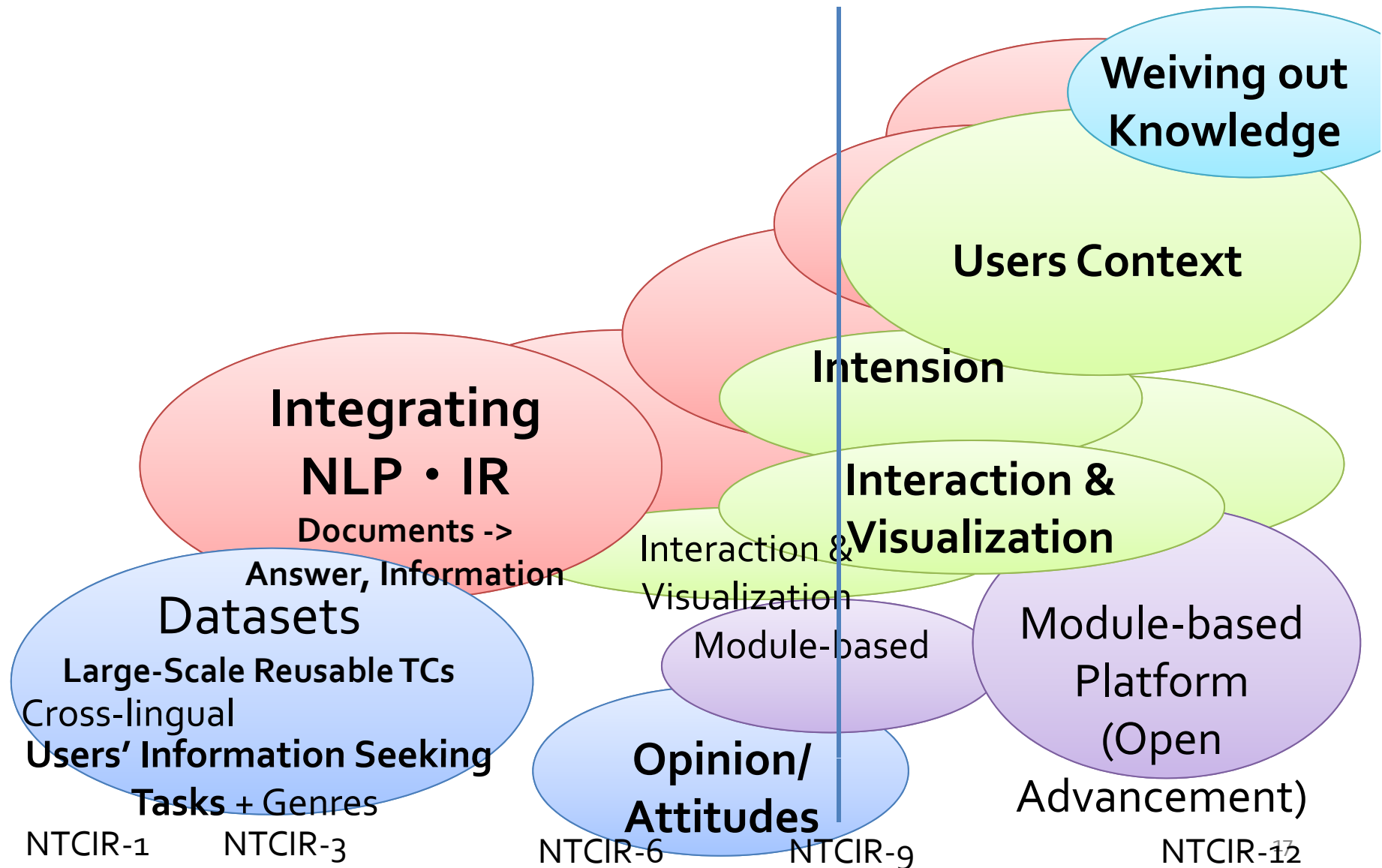
# NII Testbeds and Community for Information access Research

Why?

- Data sets / Users' Information Seeking Tasks
- Evaluation Methodology
- Reusable vs Reproducibility
- User-Centered Evaluation
- Experimental Platforms
- Open Advancement
- Advanced NLP → Knowledge- or Semantic-based
- Diversified IA Applications in the Real World
- Best Practice for a technology
  - Best Practice for Evaluation Methodology
- Big Data (Documents + Behaviour data)



# Mid-term Vision





<http://research.nii.ac.jp/ntcir/ntcir-9/>

Thank you for your participation! Enjoy!

For further enquiries, contact the NTCIR office  
ntc-secretariat@nii.ac.jp