

Conversational Information Seeking: Theory and **Application**



#TheCISTutorial

Practical Session Part 1

Create Conversational data using ChatGPT



OAT Pre-work

Prepare for OAT: <https://github.com/grill-lab/OAT>

3 Steps:

- Install Docker, Curl and Unzip
- Download assets: run *./setup.sh*
- Build
 - docker compose build grill_common
 - docker compose up --build

Detailed instructions: <https://drive.google.com/file/d/1-8uPRahnPOIzEvU2GCj8t0CH-r6zIUFB/view>

Exploiting Simulated User Feedback for Conversational Search: Ranking, Rewriting and Beyond

Paul Owoicho, Ivan Sekulić,
Mohammad Aliannejadi, Jeffrey Dalton, Fabio Crestani

annotated_topics.json

- Collection of conversations from CAsT

Single Turn Object

number	1-1
utterance	What should I consider when buying a phone?
manual_rewritten_utterance	What should I consider when buying a phone?
response	What would you like to do with one?
provenance	[]
information_need	Considerations when buying a new phone
utterance_type	Question

CAsT Conversational System

System components:

- Rewrite Query
- Retrieve passages
- Rerank passages [Optional]
- Synthesize response

Practical Tasks

Setting up the Stage

Define System
Components

Simulate Users

ConvSim Demo

Give feedback

Mixed Initiative