

# **OSSYM 2022 - 4th International Open Search Symposium**

**Monday, 10 October 2022 - Wednesday, 12 October 2022**

**CERN**

## **Scientific Programme**

Future open search paradigms and concepts  
Challenges for an open, diverse and high qualitative future information access  
Search quality  
Ethical challenges and search ethics  
Educational aspects and search literacy  
Content curation and censorship  
Beyond SEO: Vertical search, search interfaces  
Beyond tracking: Search engine advertising (SEA) and business models in an open search world  
Innovative search and web-index applications like research data retrieval, search for crisis management, search as a service, etc.  
Alternative search interfaces and UX  
Alternative search engines and services  
Green computing and sustainability – opportunities of open search \* infrastructures  
Social challenges  
Legal aspects of open search  
Economic aspects and dimension of open search  
Cooperative, distributed and efficient crawling and storage technologies  
Distributed and sustainable web search infrastructures  
Web Science, Web mining, content retrieval and Web analysis  
Performance in web search, open source technology in web search, accessible search  
Security and trust in open and distributed search ecosystems  
Machine learning for search and retrieval  
Georeferencing of web content and geospatial search/analysis  
Utilizing web-data in data-centric AI's

## **Future open search paradigms and concepts**

## **Challenges for an open, diverse and high qualitative future information access**

## **Search quality and Search ethics**

## **Content curation, moderation and avoidance of censorship**

## **Beyond SEO: Vertical search, search interfaces**

## **Beyond tracking: Search engine advertising (SEA) and business models in an open search world**

**Innovative search and web-index applications like research data retrieval, search for crisis management, search as a service, etc.**

**Alternative search interfaces and UX**

**Alternative search engines and services**

**Green computing and sustainability – opportunities of open search infrastructures**

**Social and ethical challenges retrieval, search for crisis management, search as a service, etc.**

**Social, ethical and legal challenges**

**Legal aspects of open search**

**Economic aspects and dimension of open search**

**Cooperative, distributed and efficient crawling and storage technologies**

**Distributed and sustainable web search infrastructures**

**Web Science, Web mining, content retrieval and Web analysis**

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