

Text Meets Space

Jochen Leidner, Bruno Martins, Katherine McDonough &
Ross Purves

Motivation

Survey of the concepts and methods used to make implicit spatial evidence contained in text collections accessible

We want to inspire you to get interested in conducting your own research in this exciting area

By the end of today you will have a clear sense of key concepts in Geo-NLP and Geographical Information Retrieval (GIR), understand key methods and know about some open problems

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Timetable

0900-0915 Intros and
background polling

0915-1015 Geography and
Text (Ross)

1015-1030 Q&A and coffee

1030-1130 Toponym
recognition and resolution
(Jochen)

1130-1145 Q&A and coffee

1145-1245 Geographic relevance
and ranking (Bruno)

1245-1300 Q&A and coffee

1300-1400 Lunch

1400-1500 ECIR Keynote

1500-1520 ECIR Coffee break

1520-1620 Applications (Katie)

1620-1630 Q&A and coffee

1630-1700 Future challenges
discussion

Who we are?

Jochen Leidner:

<https://www.sheffield.ac.uk/dcs/people/academic-visitors/jochen-leidner>

Bruno Martins:

<http://web.ist.utl.pt/bruno.g.martins/>

Katherine McDonough:

<https://www.turing.ac.uk/people/researchers/katherine-mcdonough>

Ross Purves:

<https://www.geo.uzh.ch/~rsp/>

Some questions for you (poll in Zoom!)

Are you:

A computer scientist?

A computational linguist?

A geographer?

A digital humanities
researcher?

Or something completely
different?

Have you:

Never worked with text?

Never worked with spatial
data?

Already have some
experience in both areas?

Have published in this field?