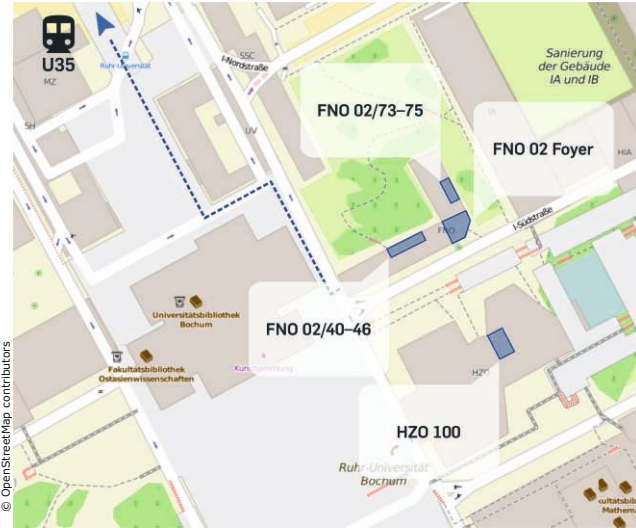## Venues

Social Activities on Saturday

Sightseeing

Walking tour through Bochum's city center:

17:35	meeting point	FNO 02 Foyer
18:00	starting point	Forecourt of Bochum Central Station
19:30	end point	Bermuda3Eck (near Restaurant)

Dinner:

Restaurant Hatoky (Vietnamese cuisine)

Brüderstraße 8 (Bermuda3eck)

44787 Bochum

DIRECTIONS

Public transportation:

Take the U35 towards Bochum Querenburg (Hustadt) from Bochum Hauptbahnhof (Central Station) and get off at the station »Ruhr-Universität«. From there you turn right and cross the pedestrian bridge keeping left while you pass the university library. The FNO building is on your left-hand side.

By car:

The quickest route is via the motorway junction Bochum/Witten, where the A43 and A44 meet. Simply take the exit Bochum-Querenburg, follow the signs »Ruhr-Universität« and then the (electronic) information boards.

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CONCEPTION

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RUHR-UNIVERSITÄT BOCHUM

HNR WORKSHOP 2015

To mine and to tie: Text Mining and Network Analysis for Historians

10–12 April 2015 | FNO 02/40-46 & FNO 02/ 73-75

#HNRWS2015

Historical Network Research Workshop

The 9th event in the series *Historical Network Research,* a workshop for semantical-social networks, takes place at Ruhr University Bochum in April 2015. The workshop series offers first insights into the methodology as well as a platform for exchanging the latest techniques in network analysis to all interested researchers of all fields of study.

With this aim, the workshop in Bochum is going to deal with the text mining method which enables an increased automation of network creation Additionally, the question concerning the dimension of texts represented this way is taken into consideration. Here, with semantic and social networks you can deal with both terminological and conceptual contexts and the relationships between entities.

To participants without prior experience, the workshop shall show how relationships between words and/or entities can be extracted out of a text and visualized without previous data recording by hand, e. g. in a chart.

The goal of this workshop is to show how to "mine" a text at first in order to "tie" a network.

Workshop Schedule

Before the official start of the workshop on Friday afternoon, there will be introductory sessions for the programming languages *Python* and *R*, as well as for the network visualisation tool *Gephi*. On Saturday morning, there will be an introductory session for the text network analysis suite *ConText*.

During the main workshop, participants will have the opportunity to get insights into the following fields:

- Research questions that can be answered by semantic and social network analysis.
- Characteristics that a text should have in order to create a network from it.
- Useful tools and programs for creating networks from texts.
- Exemplary projects that apply historical network analysis.

Friday, 10 April 2015

08:30–09:00 **FIRST REGISTRATION**
FNO 02 FOYER

09:00–10:30 **WORKSHOP SESSION**
Introduction to *R* - part 1
Sven Sellmer
(Ruhr-Universität Bochum)
FNO 02/73-75

or

Introduction to *Python* - part 1
Frederik Elwert
(Ruhr-Universität Bochum)
FNO 02/40-46

10:30–11:00 **COFFEE BREAK**

11:00–12:30 **INTRODUCTORY SESSION**
Introduction to *R* - part 2
Sven Sellmer
(Ruhr-Universität Bochum)
FNO 02/73-75

or

Introduction to *Python* - part 2
Frederik Elwert
(Ruhr-Universität Bochum)
FNO 02/40-46

12:30–14:00 **LUNCH**

14:00–15:30 **INTRODUCTORY SESSION**
Introduction to *Gephi*
Frederik Elwert
(Ruhr-Universität Bochum)
FNO 02/40-46

15:30–16:00 **SECOND REGISTRATION & COFFEE BREAK**

16:00–16:45 **WELCOME ADDRESS**
Beate Hofmann
(Ruhr-Universität Bochum)

INTRODUCTION
Martin Stark
(Universität Hamburg)

17:00–18:30 **KEYNOTE SPEECH**
Developing Practical Solutions to the Real World Problems by Going from Words to Networks
Jana Diesner
(University of Illinois Urbana-Champaign)
HZO 100

18:30 **RECEPTION**
FNO 02 FOYER

Saturday, 11 April 2015

Venue: FNO 02/40-46

09:00–10:30 **WORKSHOP SESSION**
Analyzing Words and Networks with *ConText* (part 1)
Jana Diesner
(University of Illinois Urbana-Champaign)

10:30–11:00 **COFFEE BREAK**

11:00–12:30 **WORKSHOP SESSION**
Analyzing Words and Networks with *ConText* - part 2
Jana Diesner
(University of Illinois Urbana-Champaign)

12:30–14:00 **LUNCH**

14:00–14:45 **PAPER SESSION**
Digital Color Play or Useful Tool – Visualisation of Networks out of Registers of Editions and Regests
Andreas Kuczera
(Justus-Liebig-Universität Gießen)

14:45–15:30 **WORKSHOP SESSION**
Digital Prosopography and Network Analysis
Silke Vanbeselaere
(Katholieke Universiteit Leuven & King's College London)

15:30–16:00 **COFFEE BREAK**

16:00-16:45 **PAPER SESSION**
HNF2.0?! – Überlegungen zu Vergangenheit und Zukunft eines modischen Forschungsansatzes
Daniel Reupke
(Universität Bayreuth & Universität des Saarlandes)

16:45–17:30 **PAPER SESSION**
Transforming Indexes Locorum into Citation Networks
Matteo Romanello
(Deutsches Archäologisches Institut & King's College London)

18:00–19:30 **SIGHTSEEING**

19:30 **DINNER**

Sunday, 12 April 2015

Venue: FNO 02/40-46

09:00–10:30 **WORKSHOP SESSION**
Text Networks
Frederik Elwert
(Ruhr-Universität Bochum)

10:30–11:00 **COFFEE BREAK**

11:00–11:45 **NETWORK SPEED DATING**

11:45–12:30 **PAPER SESSION**
The Study of Word Co-Occurrence Networks in the Greek New Testament
Istvan Czachesz
(Universität Heidelberg)

12:30–14:00 **LUNCH**

14:00–14:45 **PAPER SESSION**
Gicht und ihre Formalisierung
Dariya Rafiyenko & Hannes Kahl
(Universität Leipzig)

14:45–15:30 **PAPER SESSION**
Folklore and Social Networks
Liisi Laineste & Mari Sarv
(Eesti Kirjandusmuuseum)

15:30–16:00 **CONCLUSIONS**