

2 RESOURCE CENTERS

INFORMATION SYSTEMS AND TECHNOLOGY

- Centre for Sociological and Internet Research
- Computer Centr

Information Systems And Technology

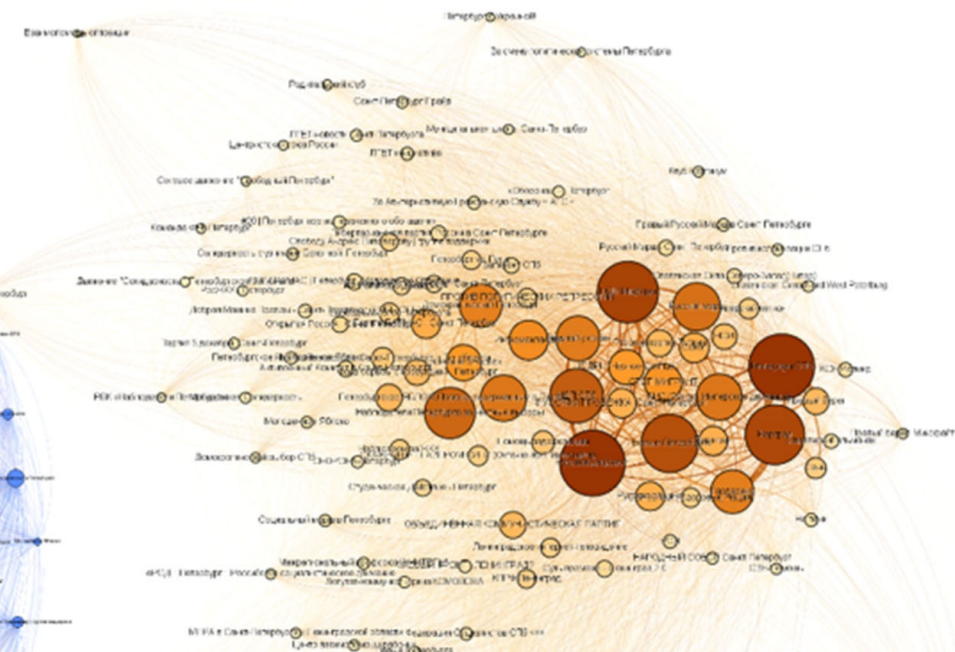
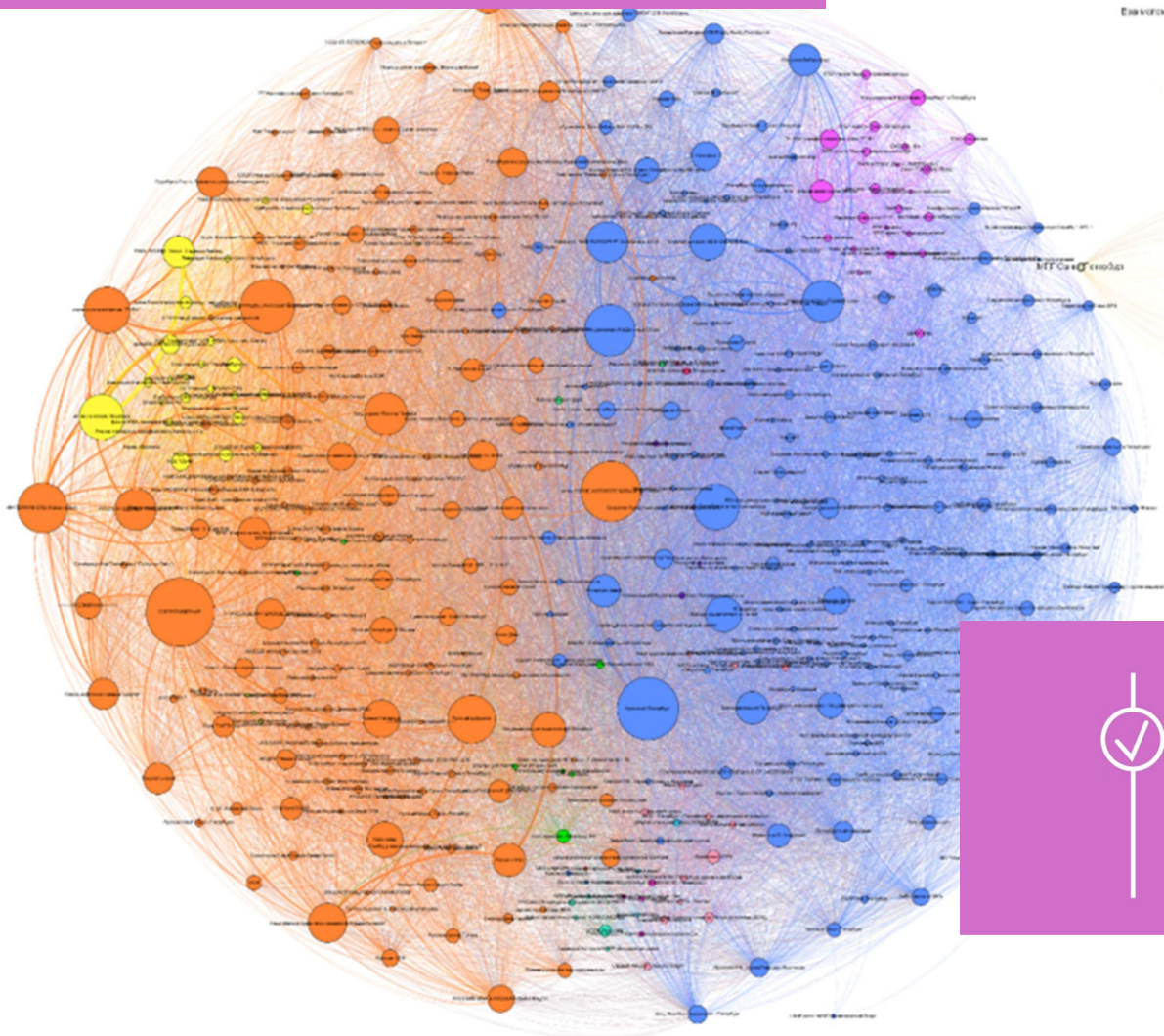


29
Number
of staff



115
Number
of users

Information Systems And Technology



136
Number
of projects in 2015



150
Number
of projects in 2016

Information Systems And Technology



PRIORITY RESEARCH AREAS

- The Computing Centre is focused on using cloud technologies for creation and development of a comfortable working environment for researches requiring high-performance computer systems, specialized scientific software and qualified expert support. This environment is available to a widest range of users, including both the University staff and other persons, for them to use in their research and academic work in fields of quantum chemistry, hydrodynamics, geo-informatics and many others.

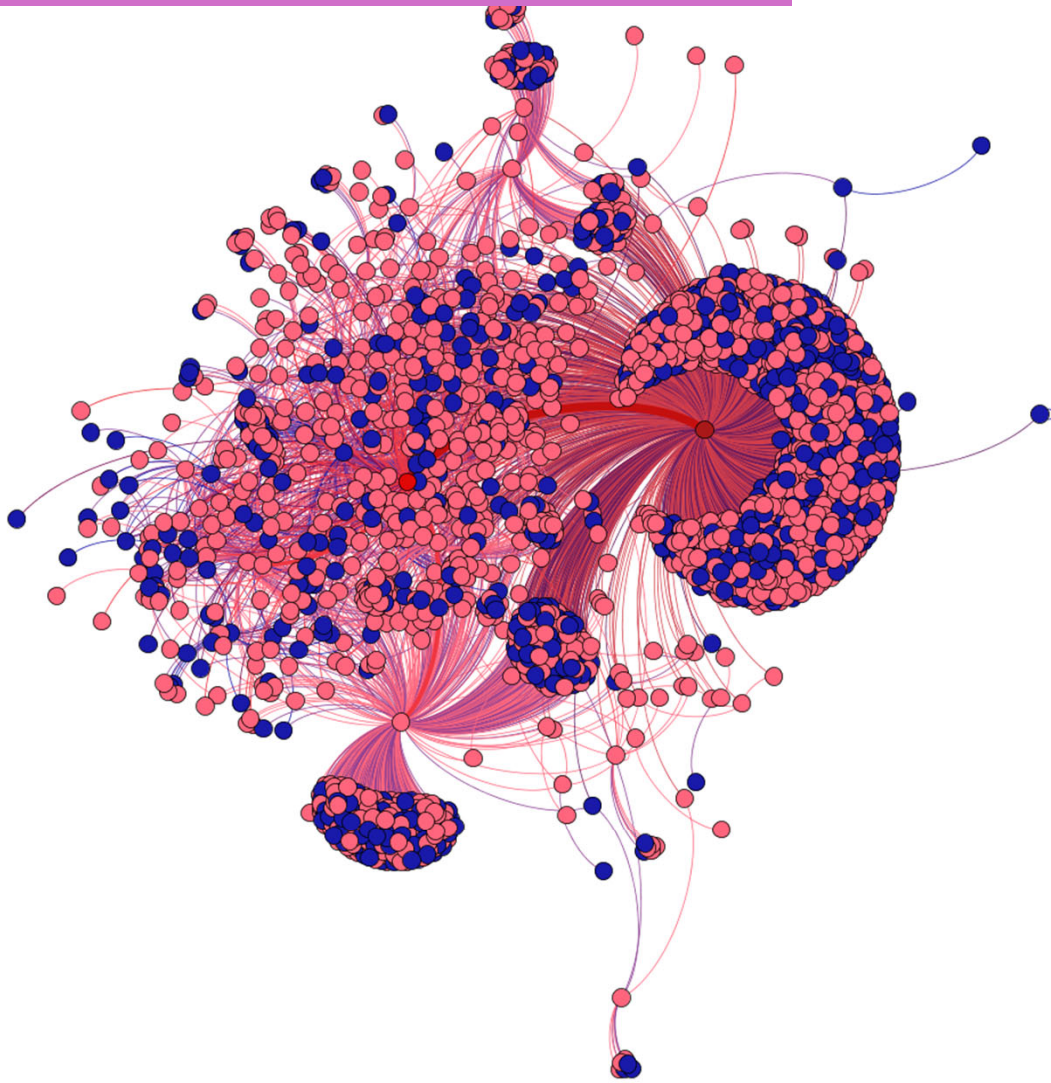
Information Systems And Technology



PRIORITY RESEARCH AREAS

- Sociological research focused on the study of public opinion on a wide range of issues;
- Sociological research of social interactions and processes on the Internet;
- Methodological and technical support of the software and hardware application in sociological research.
- Morphological analysis (determination of the grammatical characteristics of tokens);
- Parse (establishment of sentence structure), as well as the latest technology and semantic analysis and synthesis of the offe
- Semantic analysis (identification of values expressed in the language system);
- Synthesis of universal semantic structure of a sentence in the target language.

Information Systems And Technology



PRIORITY RESEARCH AREAS

- Linguistic analysis of texts in Russian, which requires separation of semantic and syntactic features (such as quality assessment of the use of the Russian language in the documents of official-business style in journalistic texts, etc.);
- Corpus Linguistics: markup language and text indexing arrays and the corpus;
- Extracting information from text, namely the concepts related to material objects, as well as the facts and events related to these objects;
- Automatic analysis of text tonality;
- Create a separate language taxonomies and semantic classifications.

Information Systems And Technology

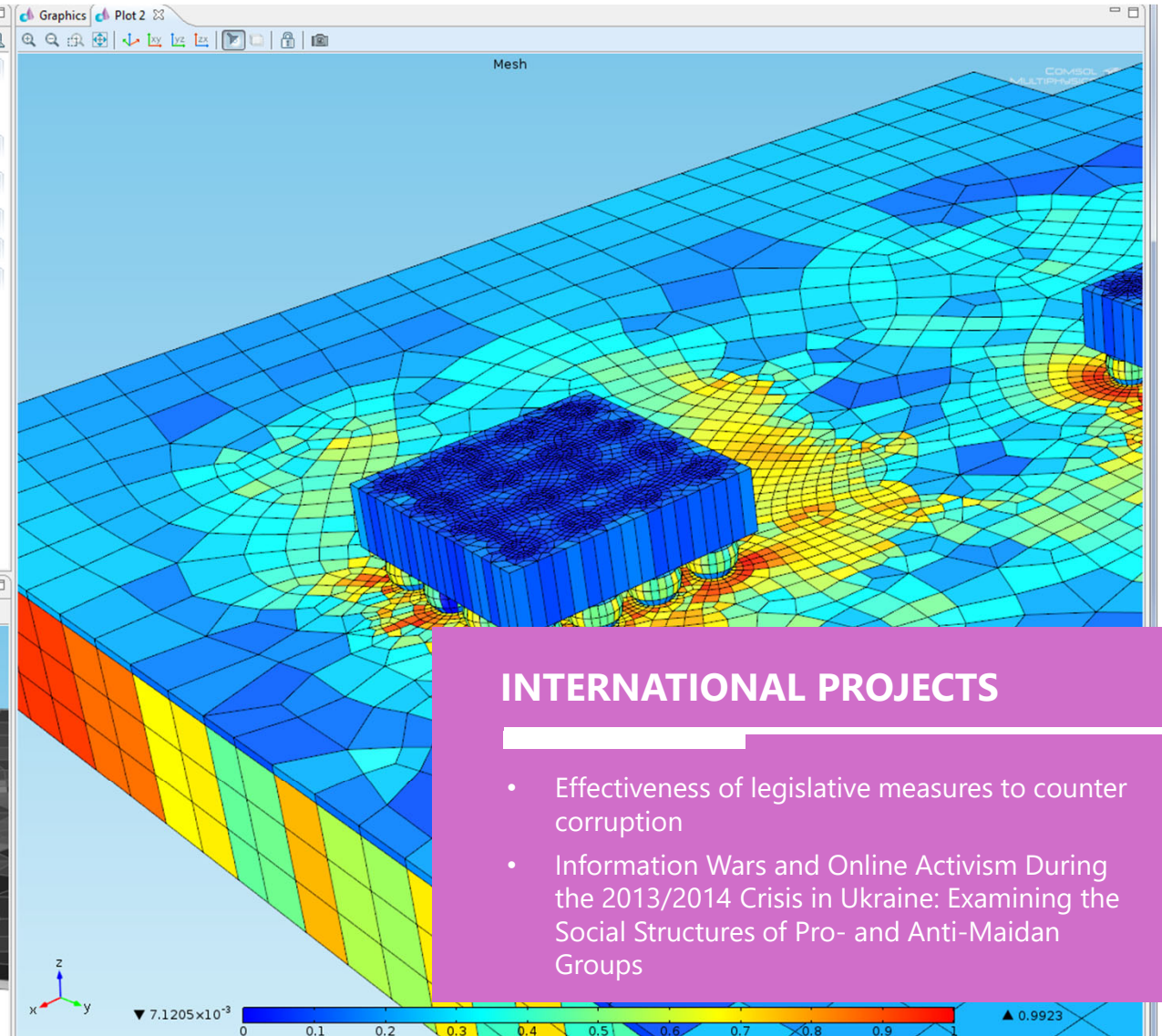
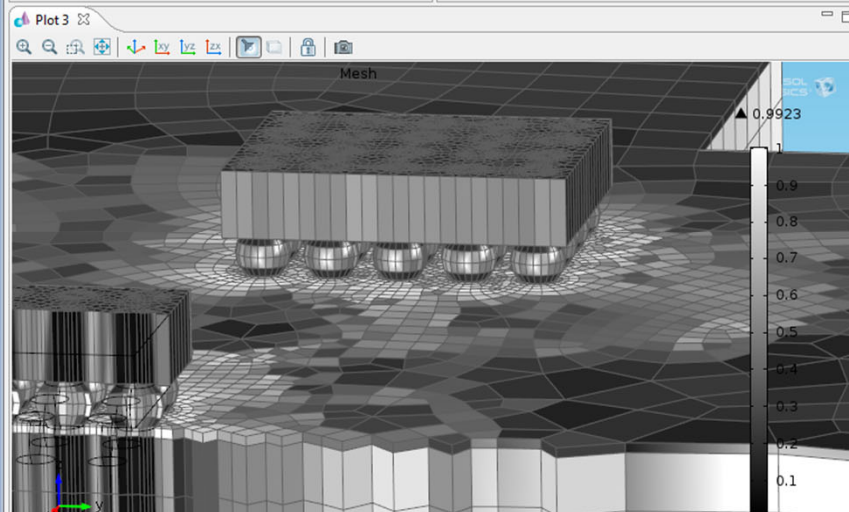
viscoplastic_solder_joints.mph (root)

- Global Definitions
- Model 1 (mod1)
 - Definitions
 - Geometry 1
 - Materials
 - Thermal Stress (ts)
 - Mesh 1
 - Size
 - Swept 1
 - Size 1
- Study 1
- Results

Domain Selection

Geometric entity level: Remaining

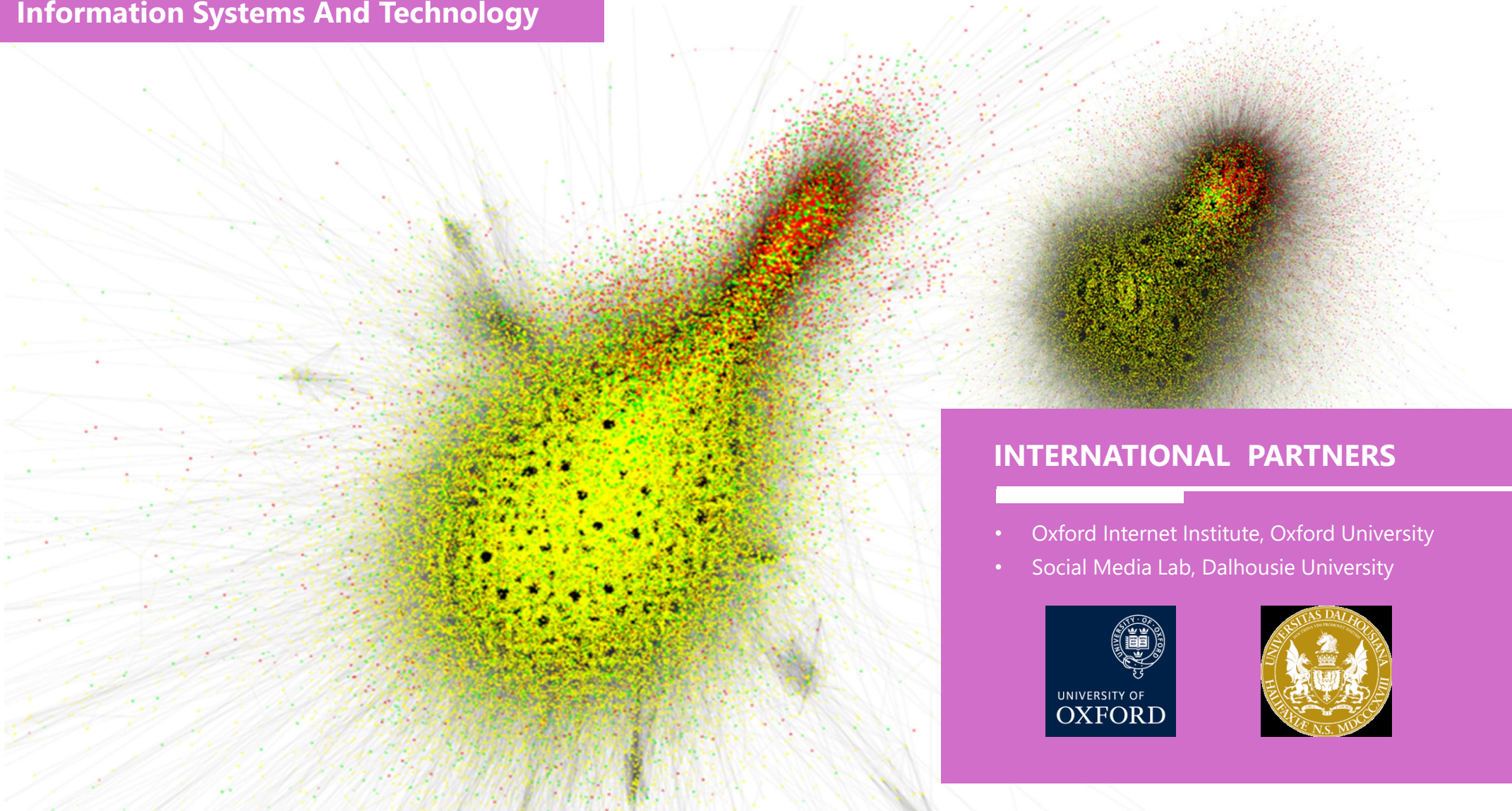
- Source Faces
- Destination Faces
- Sweep Method
- Control Entities
- Linking Faces



INTERNATIONAL PROJECTS

- Effectiveness of legislative measures to counter corruption
- Information Wars and Online Activism During the 2013/2014 Crisis in Ukraine: Examining the Social Structures of Pro- and Anti-Maidan Groups

Information Systems And Technology



INTERNATIONAL PARTNERS

- Oxford Internet Institute, Oxford University
- Social Media Lab, Dalhousie University

