



EUROPEAN COMMISSION
JOINT RESEARCH CENTRE

JRC CONFERENCE "TEXT MINING IN POLICY MAKING"

13 December 2016

Venue for the morning conference: European Commission - Berlaymont – Schuman Room
Venue for the afternoon workshop: European Commission – Conference Centre Albert Borschette – Room 2.C

Rationale

Information needed by policy makers is increasingly embedded in large amounts of textual data available on the Internet, e.g. traditional or social media, or in large public or proprietary document sets. Text mining, the automatic extraction of information from text, offers policy makers timely access to important information which would otherwise be inaccessible. Indeed, the sheer volume of data makes it nearly impossible to extract the available information manually.

The Directorate General Joint Research Centre has strong competences in this area and will offer its skills and tools to EU policy makers through a new Competence Centre on Text Mining and Analysis. Initially developed in 2002 to monitor online media, these competences have since been applied in areas including disaster management, monitoring of innovation and crisis management. Text mining solutions developed by the JRC already support policy making both inside and outside the Commission and allow for the understanding, visualisation, and use of data automatically extracted from text.

Nonetheless, many other EU policy domains are faced with the challenge of extracting accurate, targeted and timely information from an increasing volume of textual data. In this context, policy makers need text mining and analysis solutions to access the right information, in the proper format for the decision making process in a variety of contexts.

This JRC conference on "text mining in policy making" will be an opportunity for policy makers from EU institutions to understand better the benefits of text mining in policy making processes, and pave the way forward for a better use of these solutions in policy making. First, a keynote and a panel will address the challenges related to textual data within the Commission and outside. This will be followed by the presentation of the new JRC Competence Centre on text mining with a showcase of various success stories of JRC applied text mining solutions. A novel text mining tool for monitoring innovation and technological development - TIM (Tools for Innovation Monitoring) - will also be launched at this occasion. After a networking lunch, an operational workshop will take place to develop a text mining roadmap with stakeholders and users.

Registration

Registration is obligatory for security purposes and can be done via the following link:

<https://web.jrc.ec.europa.eu/rem/#m69317>



Agenda

08:30 – 09:00 Registration

09:00 – 09:10 Welcome

Vladimir Šucha, Director General, Directorate-General Joint Research Centre, European Commission

09:10 – 10:30 The growing importance of text mining in policy making

Moderator: **Vladimir Šucha**, Director General, DG Joint Research Centre, European Commission

Keynote speeches

German Rigau, Professor, Informatics faculty, University of the Basque country

Olivier Dumon, Vice-President, Elsevier NV

Panel and Q&A session

Gertrud Ingestad, Director-General, DG DIGIT, European Commission

Rini Roos, Deputy Chief Executive, European Defence Agency

Reijo Kemppinen Director-General, DG Communication and Information, Council of the European Union

10:30 – 11:00 Coffee break

11:00 – 11:30 The JRC Competence Centre on text mining and analysis

Erik Van Der Goot, Head of Unit, DG Joint Research Centre, European Commission

11:30 – 13:10 Toolkit of text mining solutions for policy making

Moderator: **Giovanni De Santi**, Director, DG Joint Research Centre, European Commission

11:30 – 12:00 TIM, a new suite of tools to monitor research and innovation

Olivier Eulaerts, DG Joint Research Centre, European Commission

12:10 – 13:10 Media monitoring solutions for policy making

Media Monitoring in support of policy making

Mikel Landabaso Alvarez, Director, DG COMM

Use of text mining in cyber-security

Freddy Dezeure, Head of CERT-EU, European Commission

Twitter analytics tool

Charles Macmillan, Directorate-General Joint Research Centre, European Commission

Questions and answers session

13:00 – 13:15 Concluding remarks

Vladimir Šucha, Director General, DG Joint Research Centre, European Commission

13:15 – 14:15 Networking lunch

14:30 – 16:30 Text Mining and Analytics workshop (in Conference Centre Albert Borschette)

This workshop will be a forum where users and providers of text mining solutions can interact and together work towards developing relevant solutions. It is the first step towards building a community of text mining practitioners and users within the EU institutions.