1.Name of participant: Sukhoparov Mikhail

2.Title of the talk: Identification of the authors of short messages portals on the Internet using the methods of mathematical linguistics (Post-graduate student M.E. Sukhoparov, Doctor of Engineering Sciences  I.S. Lebedev).

3. Abstract (150 words or more):

The widespread use of ITCS and the relative ease of access to the resources of the Internet make it necessary to control information flows and identify possible areas of information impact. In this connection the question arises about the analysis of textual information and the attribution of short text messages of various portals on the Internet, due to the insufficient development of mechanisms to authenticate users. Analysis of text messages comments, blogs, as well as the fight against various forms of astroterfing are essential to combat the artificial process of shaping public opinion on the Internet. Solve scientific problems is to establish and develop scientific and methodological apparatus of identification of authorship textual information () designed to automatically calculate the information () about the texts of the subject area with the minimum loss of completeness, accuracy and adequacy () of the processing complexes in computer information security, based on the use of:

* a variety of models , whose properties  and  have a functional dependence of the properties of the ***Q’*** of information and the desired properties of ***D’*** submission of data in information system;
* a variety of methods () provides display text information ***T***  in the data elements ***O*** using function ***F***.

Mathematically, this object is formulated as follows: find a set of , , such as , where . .

The implementation of the proposed solutions will identify the authors of short message forums and blogs on the Internet at various PR - actions to combat and control the formation and manipulation of public opinion and other manifestations astroterfing.