

# **INFORMATION COMMUNICATION TECHNOLOGIES IN A STAGED APPROACH TO FORMATION OF A FOREIGN LANGUAGE COMMUNICATIVE RESEARCH COMPETENCE**

Speaker

Elena Prokopenko

Ural Federal University

## Keywords:

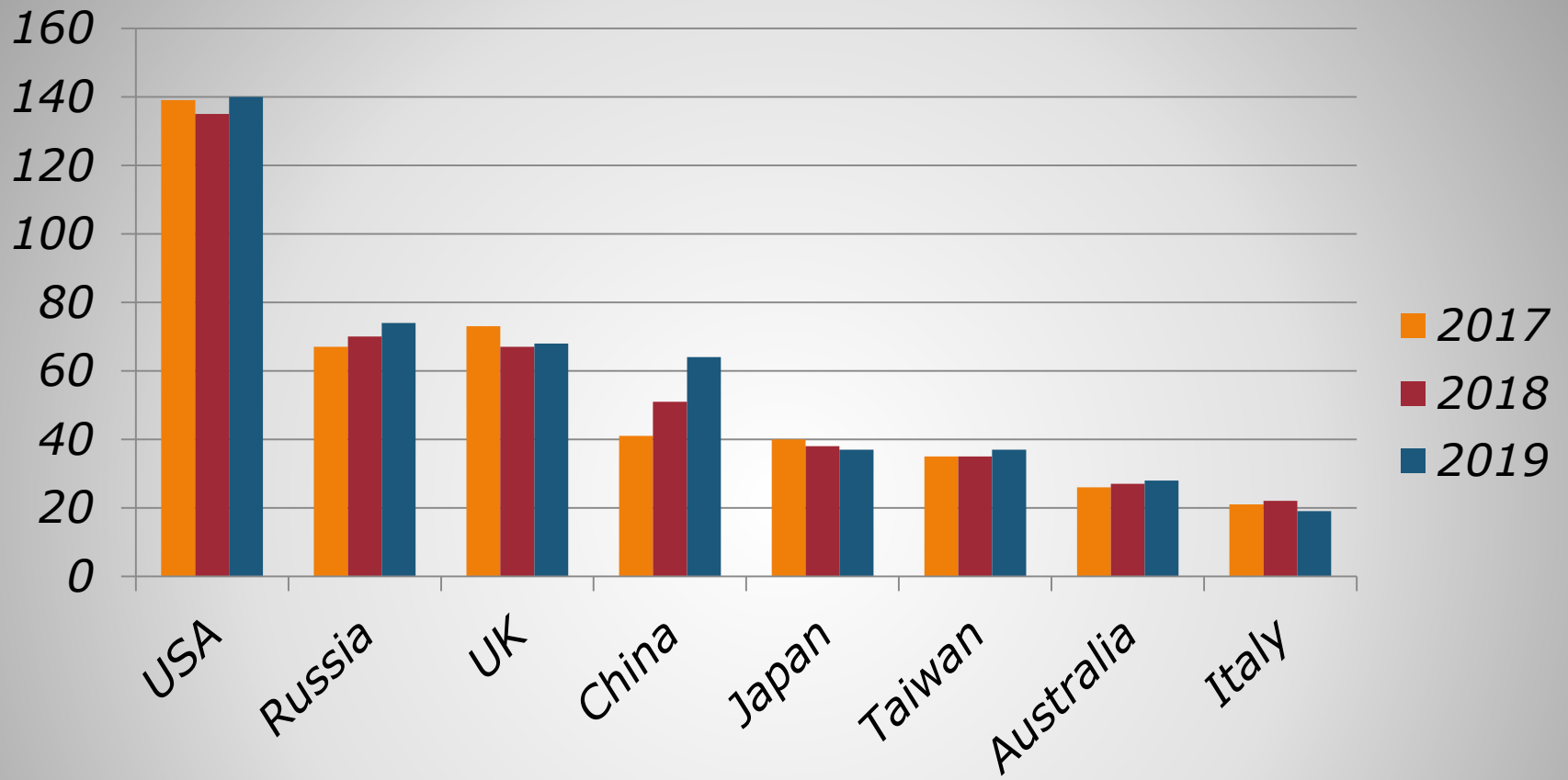
- ❖ information and communication technologies
- ❖ research work of students
- ❖ competence model of a student
- ❖ formal scientific communication
- ❖ informal scientific communication
- ❖ stages of the research work

## Abstract

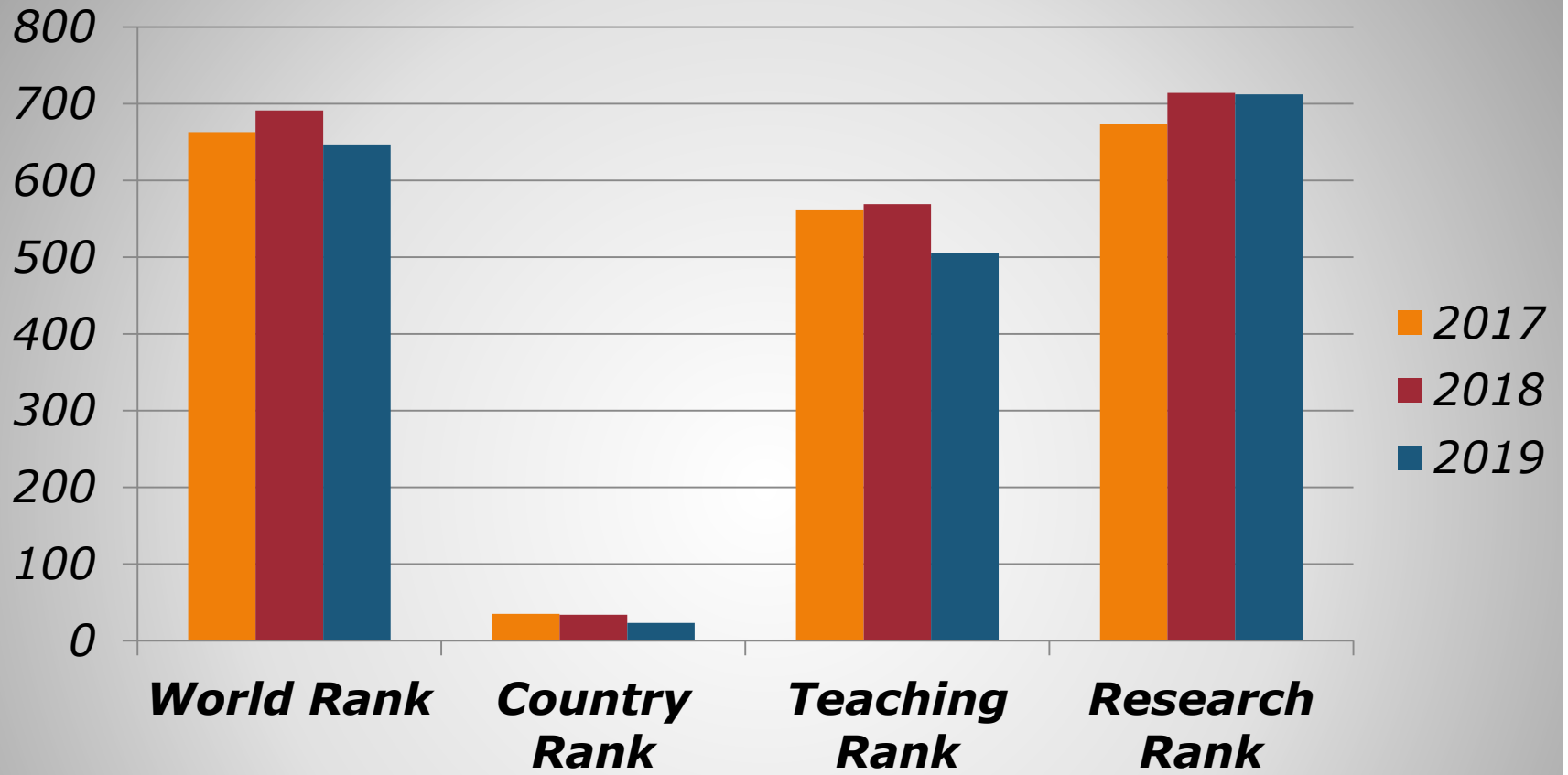
## This paper deals with

- ❖ **the components** of the competence model of a student realizing a research in the sphere of the future career in a foreign language with the usage of information communication technologies
- ❖ **the statistics** that confirms the necessity of the development of the foreign language communicative research competence in the sphere of the future career of students in higher educational establishments
- ❖ **the foreign language communicative research competence** is a complex and multidimensional term, which combines the following components of the student's competency model:
  - ***foreign language communicative competence***
  - intercultural competence
  - career-oriented research competence
  - competence of scientific communication
  - educational competence and technological competence

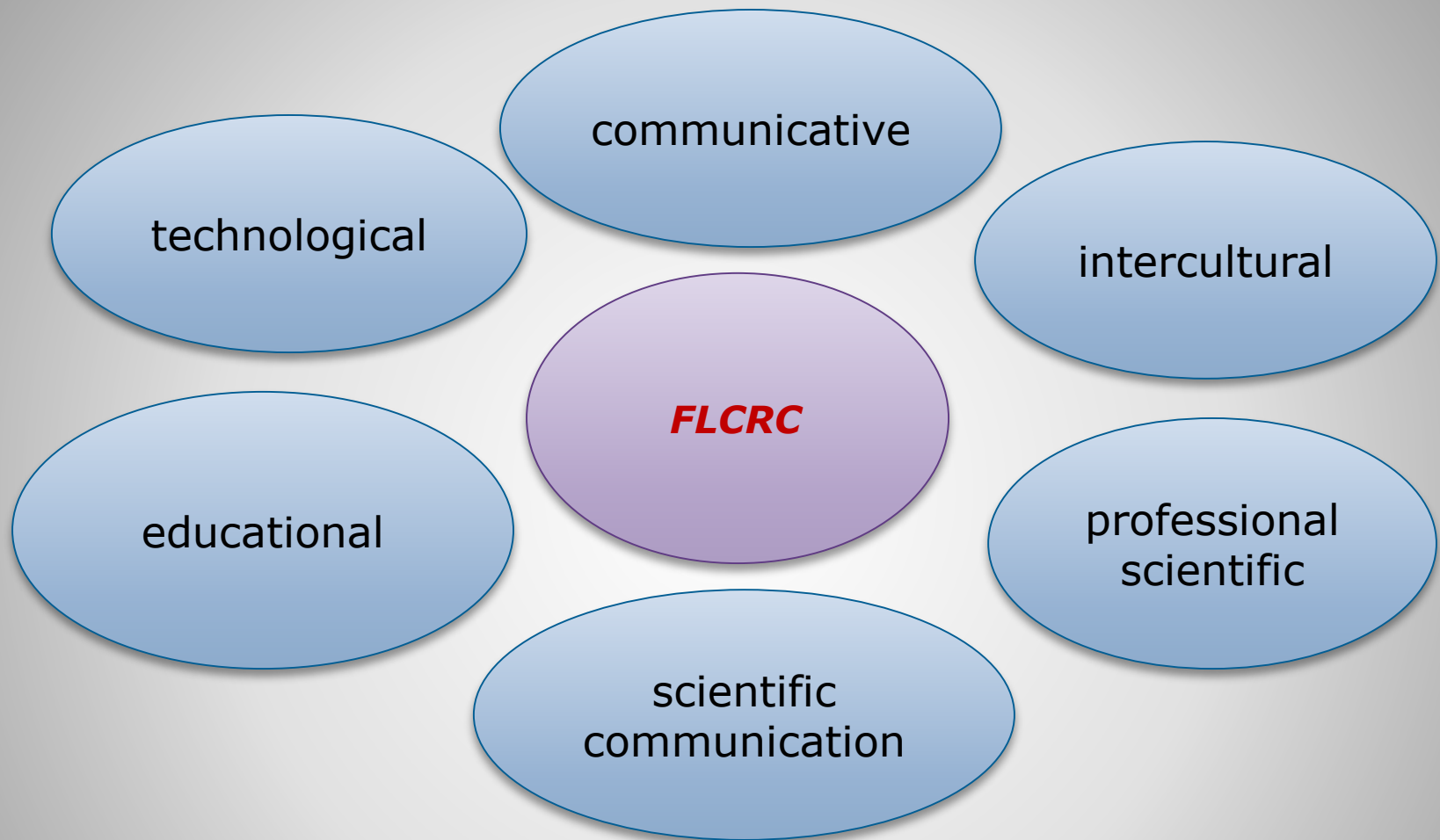
**Abstract**



***Number of Top Universities in 2017 - 2019***



**UrFU Rank in 2017-2019**



***Components of the foreign language  
communicative research competence***

<b>Stage</b>	<b>Content of the stage</b>	<b>Developing competence</b>
<b>Stage 1</b>	statement of the research problem, definition of its goals and objectives	communicative competence; competence of scientific communication; educational competence; technological competence

## **Stages of the research work**

<b>Stage</b>	<b>Content of the stage</b>	<b>Developing competence</b>
<b>Stage 2</b>	identification of participants of the research group	communicative competence; intercultural competence; technological competence
<b>Stage 3</b>	search and systematization of information and analytical material and scientific literature on the problem in a foreign language	intercultural professional scientific, competence of scientific communication; educational; technological competence

## **Stages of the research work**



Stage	Content of the stage	Developing competence
<b>Stage 4</b>	analysis of the obtained data, evaluation of theories, concepts and approaches, determination of the main directions for resolving contradictions	professional scientific competence, competence of scientific communication; educational competence; technological competence
<b>Stage 5</b>	development of solutions to the research problem	communicative; scientific communication; educational; technological

## **Stages of the research work**

Stage	Content of the stage	Developing competence
<b>Stage 6</b>	independent evaluation of the results of the study	communicative; competence of scientific communication; educational; technological
<b>Stage 7</b>	discussion of research results in the professional scientific environment	communicative competence; professional scientific competence; competence of scientific communication;

## **Stages of the research work**

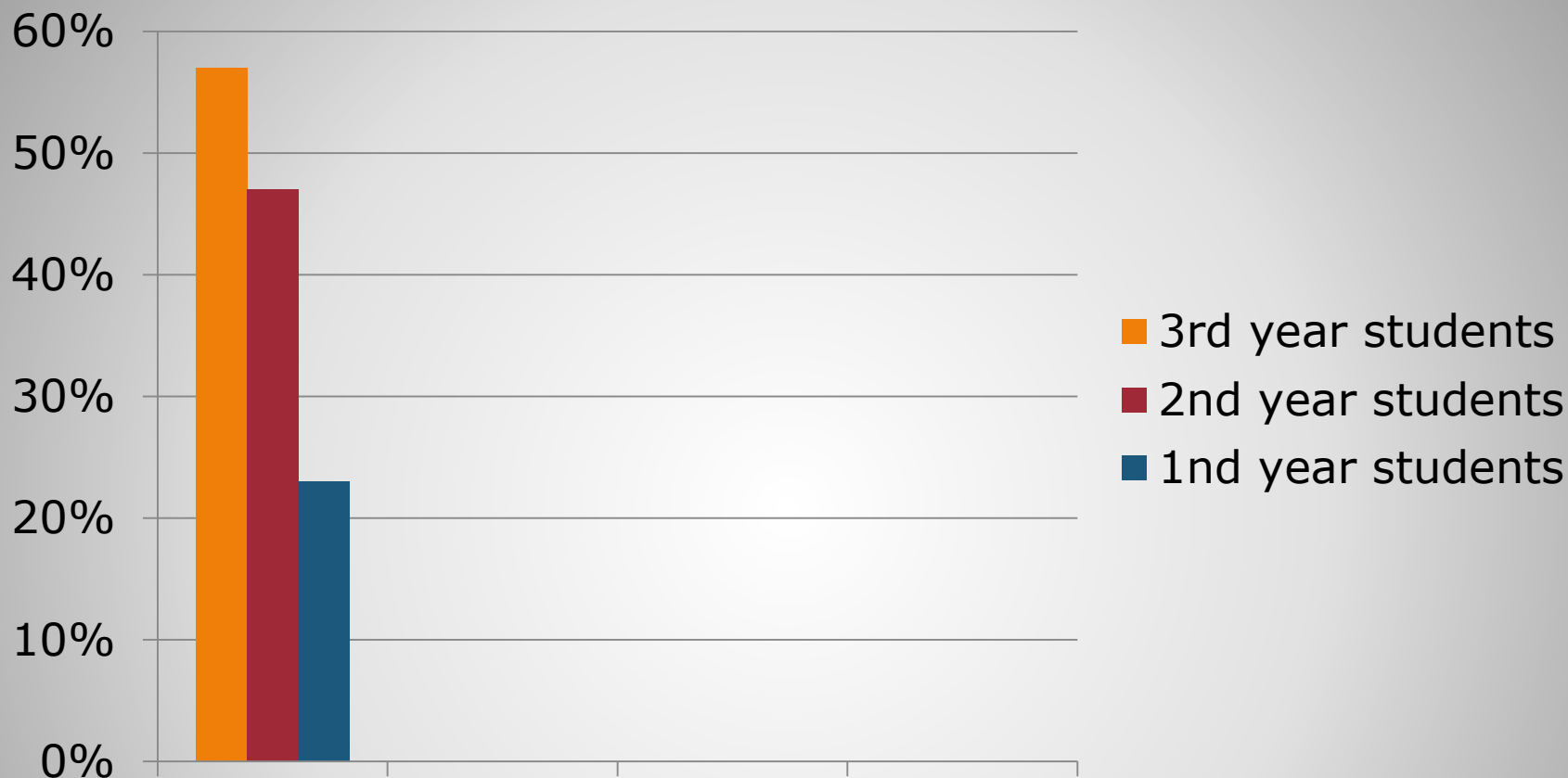
Systematic research work with the students of the Institute of Radio Electronics and Information Technology (IRIT-RTF) at UrFU is conducted

- ❖ **The first year** students conduct the research on historical aspects related to their future vocational
- ❖ **The second year** students study technological processes, which are described in popular scientific literature
- ❖ **Open Colloquium of the 1<sup>st</sup> and 2<sup>nd</sup> year students**
- ❖ **Students of the 3<sup>d</sup> and 4<sup>th</sup> years** of education conduct research works which are planned by the educational plans of their educational programme

**FROM SHORT REPORTS AND PRESENTATIONS  
TO MASTER'S RESEARCH PAPER**

- ❖ the foreign-language communicative research competence with the usage of information communication technologies
- ❖ this research work increases the interest to the foreign language
- ❖ the students were interviewed in order to receive the feedback
- ❖ prospects of a foreign language in their future professional activity, subsequent surveys showed steady growth

## Results



***Indices of students' interest in learning a foreign language for future professional activity***

## It is important to develop

- ❖ the foreign-language communicative research competence of students of higher educational establishments to make the graduates **competitive in modern scientific environment and successful in their career**
- ❖ the foreign-language **communicative research competence** is **multi-component** and combines the foreign language competence, the intercultural competence, the career oriented research competence, the scientific communication competence, the educational competence and the technological competence
- ❖ **each component is developed on different stages of the research work** of students. The staged approach to research work unites not only staged work on the research work but also the systematic research work of students on every stage of education: from the first year until the Master Degree Program.
- ❖ **the staged approach** to the research work increases the motivation for learning a foreign language with the usage of information communication technologies
- ❖ **As a result** staged approach to the research work **develops all components of the foreign-language communicative research competence of students of higher educational establishments**

## Conclusions

## REFERENCES

- Official site of Round University Ranking. Retrieved from URL: <https://clarivate.com/blog/news/2018-world-university-ranking-rur-rankings-agency-released-powered-web-science-data/>.
- Official site of Round University Ranking. Retrieved from URL: [http://roundranking.com/cntr\\_profil/ural-state-university.html?cntr=undefined&sort=O&year=2019&subject=SO](http://roundranking.com/cntr_profil/ural-state-university.html?cntr=undefined&sort=O&year=2019&subject=SO)
- A. Kovaleva, E. Dymova, D. Kurmanova, "Competence model of a student realizing a research work in a foreign language in higher educational establishments", *Modern Linguistic and Methodical-and-Didactic Researches*, vol. 3(18), pp 77-86, 2017.
- T. Dudenkova, "Formal and informal scientific communication", *Social Science*, vol. 3(19), pp. 128-134, 2017.
- T. Sondergaard, J. Andersen, B. Hjørland, "Documents and the communication on scientific and scholarly information – revising and updating the UNISIST model", *Journal of Documentation*, Vol. 59, No. 3, pp. 278-320, 2003.
- A. Kovaleva, E. Dymova, "Information technologies in project work in foreign language teaching of non-linguistic students", 9<sup>th</sup> International Conference on Education and New Learning Technologies, Barcelona, Spain, pp. 168-172, 2017.
- A. Kovaleva, E. Dymova, "Complex of educational activities for foreign language vocationally-oriented competence development", 9<sup>th</sup> International Conference on Education and New Learning Technologies, Barcelona, Spain, pp. 8436-8440, 2017.

## REFERENCES

**Thank you for your attention!**

**Thank you for your attention!**