



Shanghai Cooperation Organization- 1<sup>st</sup> Young Scientists Conclave (SCO-YSC 2020)  
A virtual event organised in India at CSIR-IICT, Hyderabad  
Theme: Shaping SCO-STI Partnership: Young Scientists Perspectives

**SCO-Young Scientist Profile**

**First Name: Anton**

**Last Name: Pljonkin**

**Designation**

**& affiliation:** Associate Professor  
Master of Science, Ph.D.  
Director of SFU Indian-Russian scientific center  
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**Passport photo in .JPG**



**Details of research work carried out in S&T**

We have proposed a new method for predicting the spread of viral diseases. The method is based on the use of personalized datasets. The model under research for the spread of viruses involves the use of data from the Internet and social networks.

*Associated SCO-YSC Theme: COVID19*

**Statement of Innovation**

Experience in managing a small company and a team of 20 employees. The company's field of work is telecommunications and technical security equipment (work with government customers and private firms). Experience in working with startups and innovative companies (development of a new direction in the company).

Expert of the Russian Science Foundation.

Expert of the ASI Innovation Promotion Fund.

Reviewer of international journals Q1, Q2, Q3 of the MDPI and IGI Global communities [Applied Sciences (ISSN 2076-3417), Entropy (ISSN 1099-4300), Photonics (ISSN 2304-6732), Symmetry (ISSN 2073-8994), etc.].

Member of the scientific communities IEEE, IEIE.

Head of the IEEE Young Professionals Russia [South region] section.

Editor, Communications in Computer and Information Science, Q3 quartile [Springer], 2019.

Ph.D thesis reviewer [India, 2020].

Permanent member of the editorial board of the International Journal of Cloud Applications and Computing.

Permanent member of the editorial board of the American Journal of Optics and Photonics.

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**Major awards/ Achievements**

The absolute winner of the Competition of individual projects within the framework of the All-Russian Engineering Competition in 2016, Saint Petersburg.

Winner of the "Infotecs Academy 2015" program in the "Scientific Research" format.

Winner of the All-Russian competition "Infoforum-New Generation" in information security in the nomination "Young Specialist of the Year 2015", Moscow, 2016.

Speaker of the All-Russian competition "Infoforum-2018" on information security, Moscow, 2018.

Prize-winner of the All-Russian competition for information security "SIBINFO-2016", Tomsk, 2016.

Speaker of the International Forum on Practical Security Positive Hack Days, Moscow, 2016.

Prize-winner of the youth innovation convention of the Rostov region, 2017, Rostov-on-Don.

In 2017, 2018 he entered the top 100 young scientists of the Southern Federal University engaged in scientific and innovative activities.

**Possible collaboration with SCO countries**

- **MoU**
- **Joint grants**
- **Joint conference**
- **Articles**
- **Student exchange**
- **Visiting professors**
- **PostDoc program**
- **Summer School**
- **etc.**

**Key words**

**Viruses, dataset, information, method**