

ONLINE

WINTER SCHOOL

in Cyber Security **2021**

COVID-19 and closed borders are not an excuse to study! The world-class experts in the field of Cyber Security will help you gain knowledge and obtain professional skills from any convenient location for you!

WHEN?

January 25 – February 5, 2021

ECTS?

Yes! 3 ECTS + ITMO Official Certificate

FEES?

20,000 RUB (~ 225€)

WHAT TOPICS ARE COVERED?

- History of Malware & Antimalware.
- Malware Detection Algorithms. Review.
- Debugger and Disassembler. PE-header and Win32 Executable Files.
- Techniques of Manual Unpacking of Binaries, Dumping and Healing the PE Files.
- Classification and Naming of Malware.
- Structure of Botnets. P2P Botnets. Zeus Protocol.
- Analysis of Simple File Virus. Algorithms of .exe Infection.
- Unpacking the Simple Trojans.
- Techniques of Protection Against Detection. Malware Behavior.
- Antivirus Quality Estimation. Comparing Antivirus Products.
- Analysis of Simple File Virus. Reaching the Payload.
- Reaching the Payload of Trojans.

How to apply?

1. Application deadline:

January 17, 2021

2. Prepare application documents:

- Copy of your valid passport
- CV

3. Forward application documents to ITMO coordinator:

Mrs. Ekaterina Rassolenko,
e.rassolenko@itmo.ru

4. Receive confirmation of admission and personal agreement

5. Pay tuition fees:

- visit the website <https://pay.ifmo.ru/en/>
- enter your agreement's number and email
- pay tuition fees online by card

6. Receive a link to your ZOOM classes



Check here for
more information!