ITMO UNIVERSITY
IN "TOP 100"*
GLOBAL ONLINE GAME:
FROM NEWBIE
TO WINNER
ITMO UNIVERSITY
Saint Petersburg, Russia
LEVEL 3
2016
LEVEL 2
2015
LEVEL 1
2013–2014
*FROM THE AUTHORS OF QS AND THE ☺

Game settings

▶ THE GOAL

build an outstanding university, surpass formal rankings, ensure real competitive advantages

▶ THE TASK

complete the basic levels quickly and find the PASSWORD for the top level "WINNER"

▶ TIMELINE

2013 - 2020

▶ NUMBER OF LIVES

one
(eagle vision adds 10% to speed)

Player

ITMO UNIVERSITY
Saint Petersburg, Russia

▶ STATUS

Newbie (as of 2013)

▶ STRENGTHS

Unique research and educational profile, based on convergence of photonics and IT, addressing global technological challenges of XXI century

▶ STRATEGY

Proactive

▶ SUPER POWER

Dynamics

▶ GAME STYLE

Non-classical

You are on our team, too

ITMO University teams up with the absolute champions of the game *

Dmitry Livanov

Andrei Volkov

Alexander Abramov

Igor Agamirzian

Valery Kozlov

Edward F. Crawley

Michael M. Crow

Philip G. Altbach

Malcolm J. Grant

Herman Gref

Koenraad Debackere

Weifang Min

Lap-Chee Tsui

* Your involvement throughout the game is vital

Level 1: “Newbie” 2013-2014

The Task

- Find the unique niche
- Internationalize quickly
- Achieve quick wins

Solution

- Non-classical Graduate/Postgraduate university
- Initiation of International Research Centers, “ITMO Fellowship” and International educational programs
- Jump in a number of publications, foreign students and staff
- A magnet and a home base for talent

Level #1 successfully completed ✓

Level 2: “Advanced” / Globalization 2015

The Task

- Dive into the world academic environment

Solution

Internationalized research?
We’ve got it:

- Successful financially sustainable International Research Centers
- Scopus publications – increase of 312%*compared to 2012
- 47%* of publications co-authored with foreign scientists
- Every 7th article published in top-10% journals

Internationalized education?
Yes, we’ve got it too:

- High profile international educational programs +160% compared to 2014
- Share of foreign students – 16,5%
- ITMO World Champions Programming School
- Student ambassadors
- Edutainment – Magic of Light Exhibition

* the best result among the “5-100” Project participants

Level 2: “Advanced” / Globalization 2015

Solution

Each employee - to address global challenges: it’s cool to work at ITMO

- “ITMO Fellowship and Professorship” Program – 338 applications in 2015; 16 hired
- Staff and faculty from 26 countries
- Employment through open contests

True entrepreneurial university:

- Social entrepreneurship +350% in # of students
- 20% of students and staff involved in entrepreneurial activities
- 1000+ contributors and applicants for innovative initiatives

Change management in action:

- Student representation in Academic Board – from 7% to 24%
- Student Project Office “5-100S”
- Structural transformations: 8 departments reorganized, 15 chairs closed, 3 new institutes opened

Level #2 successfully completed ✓

Level #3 “Professional” / University Transformation 2016

The Task

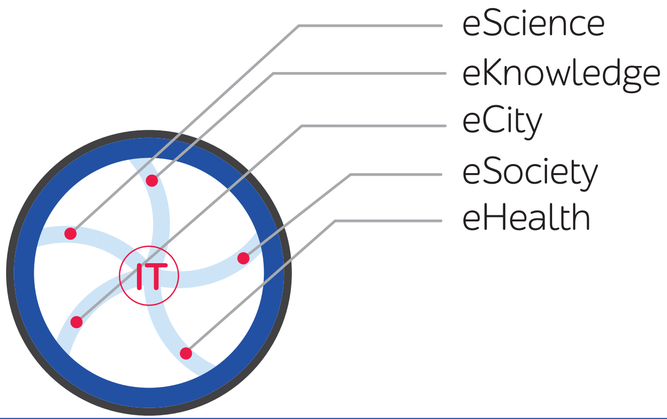
achieve leadership positions
by addressing global challenges

Solid foundation – we promised and we did – 6-time world champions in programming

Solution –

train professionals of a new type,
apply IT to complex areas
of sciences

School of Translational IT



INTERNATIONAL PASSPORT

Issued by ITMO University

School “Translational Information Technologies”

Prof. ALEXANDER BUKHANOVSKII
Personal driver: Faith

Share of employees – **9,57%** of all ITMO employees

Share of students – **13,86%** of all ITMO students

Strength of School – international education

Level #3 is 33% complete. Two more steps to complete this level

Level #3 “Professional” / University Transformation 2016

The Task

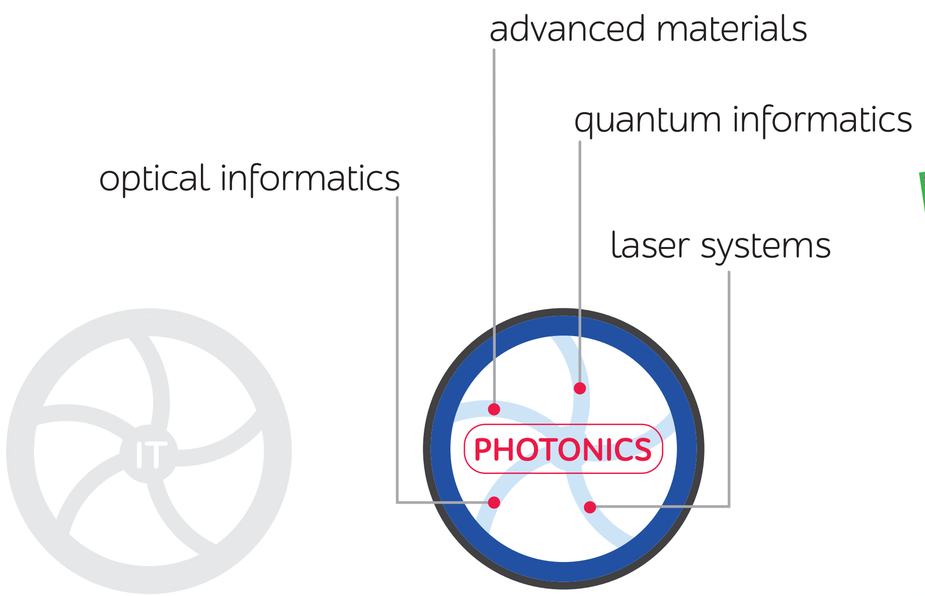
achieve leadership positions
by addressing global challenges

Solid foundation – Russian leader in photonics, quantum network creator

Solution –

generate breakthrough results
in photonics of information-communication systems

School “ITMO Photonics”



INTERNATIONAL PASSPORT

Issued by ITMO University

School “ITMO Photonics”

Prof. VLADISLAV BUGROV
Personal drivers: engaging work and loving family

Share of employees – 22,8% of all ITMO employees

Share of students – 21% of all ITMO students

Strength of School – young scientists

Level #3 is 66% complete. One more step to complete this level

Level #3 “Professional” / University Transformation 2016

The Task

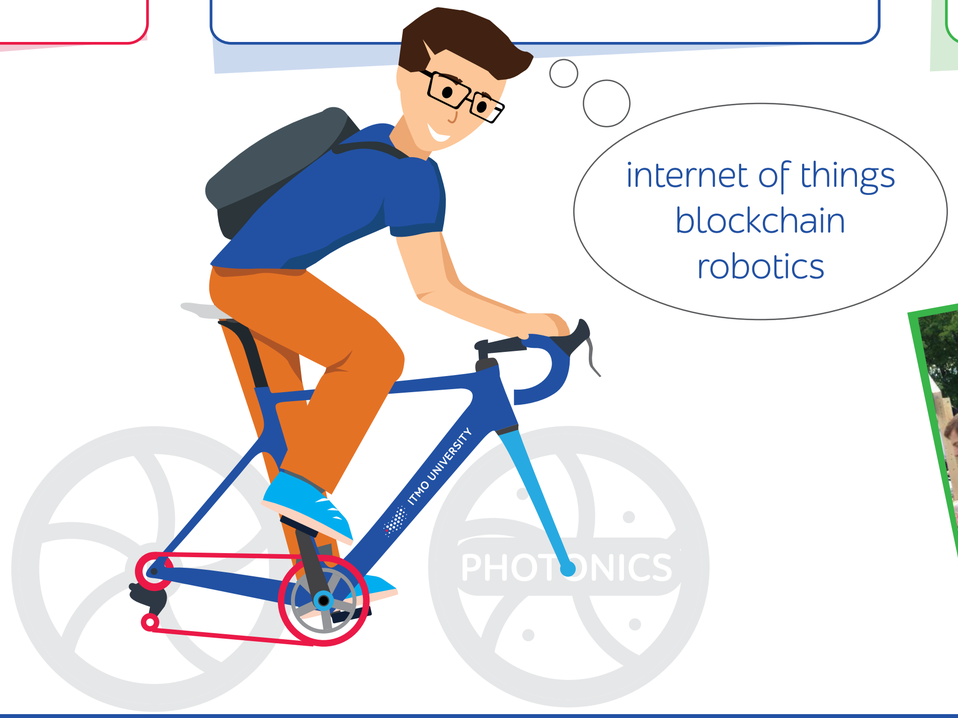
achieve leadership positions
by addressing global challenges

Solid foundation – extensive experience of industrial cooperation

Solution –

address engineering challenges
of future Cyber-Physical Systems.
Conquer the world

School of Computer Technologies and Controls



internet of things
blockchain
robotics

INTERNATIONAL PASSPORT

Issued by ITMO University

School “Computer Technologies and Controls”

Prof. ALEXEY BOBTSOV

Personal drivers: science, family, nature

Share of employees – **15,4%** of all ITMO employees

Share of students – **30,7%** of all ITMO students

Strength of School – multidisciplinary approach

Level #3 is 99% complete. Enter **PASSWORD** for the next level

WHAT IS ITMO PASSWORD?

positions in rankings?

reputation?

world recognition?

openness?

creativity?

style?

true Saint Petersburg University?

dynamics?

non-classical university?

all these and MORE...

ITMO UNIVERSITY
Saint Petersburg, Russia
ITMO
Password is
LOVE
SLOWER
TRAFFIC
KEEP
RIGHT
LEVEL 6
2022
LEVEL 5
2021
LEVEL 4
2017-2020
The game continues!
Stay with us to be the first
to learn about ITMO University
victories
Level #3 successfully completed
Transitioning to level #4 - «Winner» 2017-2020