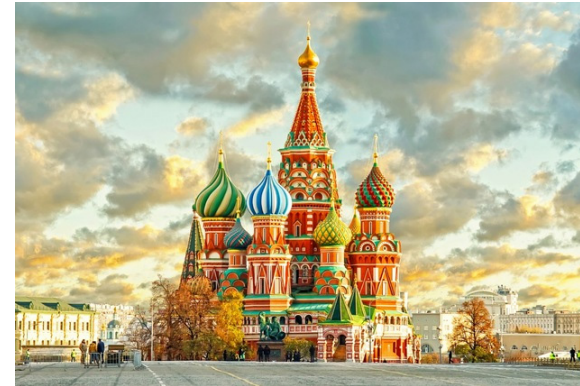




# Sharif University of Technology

Cooperation with Russian Universities





# Contents

## Sharif Internationalization

- Sharif Internationalization Program
- Joint Degree Agreements
- Research Papers
- Top Professors
- International Training
- International Grants

## Collaborations with Russia

- MoU with Russian Universities
- Visits to Russia
- INSF-RFBR
- PhD Sabbaticals
- Summer School 2018
- Visiting professor program
- Joint Workshop
- Sharif-Russia Website

## Concluding Remarks

- Conclusions
- Recommendations

# Sharif Internationalization Program

## Education

- ▶ International students
- ▶ Courses in English
- ▶ International academic staffs
- ▶ Adjunct professors
- ▶ International professional training
- ▶ Joint and dual degrees
- ▶ International internships
- ▶ Summer schools and international workshops

## Infrastructure

- ▶ Informatics (IT) and library
- ▶ Guest hosts
- ▶ Student dormitory
- ▶ Student life
- ▶ Informative English website, brushers, etc
- ▶ Mentorship of international students
- ▶ Bilingual banners

## Research and Technology Transfer

- ▶ High quality publications
- ▶ Citations per faculty
- ▶ Joint international projects
- ▶ International research grants
- ▶ Sabbatical leaves
- ▶ International post-doc researchers
- ▶ Industrial grants
- ▶ Spin off companies
- ▶ Patents

# SUT-International Campus at Kish

## in Figures



- ❑ Established on Kish Island in 1995
- ❑ Two Schools
  - ❑ Science and Engineering
  - ❑ Management and Economics
- ❑ Over 70 Faculty Members
  - ❑ 10 Resident
  - ❑ 60 Invited Professors from Main Campus
- ❑ Over 1000 Students
- ❑ Over 140 Ph.D. Students
- ❑ Over 2000 Alumni
- ❑ 5 Undergraduate Programs
- ❑ 25 Graduate Programs
- ❑ 7 Doctorate Programs
- ❑ Foreign Language Center





# SUT-International Campus at Kish in Figures

- ▶ Comprehensive Master Plan- 2015
- ▶ 112000 m<sup>2</sup> Outdoor Area
- ▶ 15000 m<sup>2</sup> Active Indoor Area





# SUT-International Campus at Kish in Figures

8000 square meters Residential Complex



Graduation Ceremony 2018







# Sharif – Joint Degree Agreements



**MACQUARIE**  
University  
SYDNEY · AUSTRALIA



**POLITECNICO**  
MILANO 1863



**UNIVERSITÉ**  
**Grenoble**  
**Alpes**



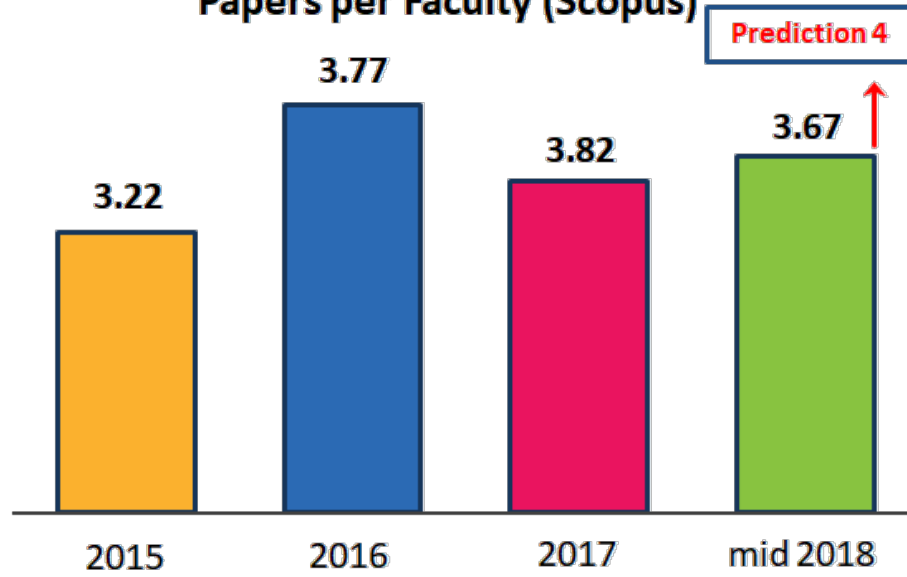
香港科技大學  
THE HONG KONG  
UNIVERSITY OF SCIENCE  
AND TECHNOLOGY

**A?**

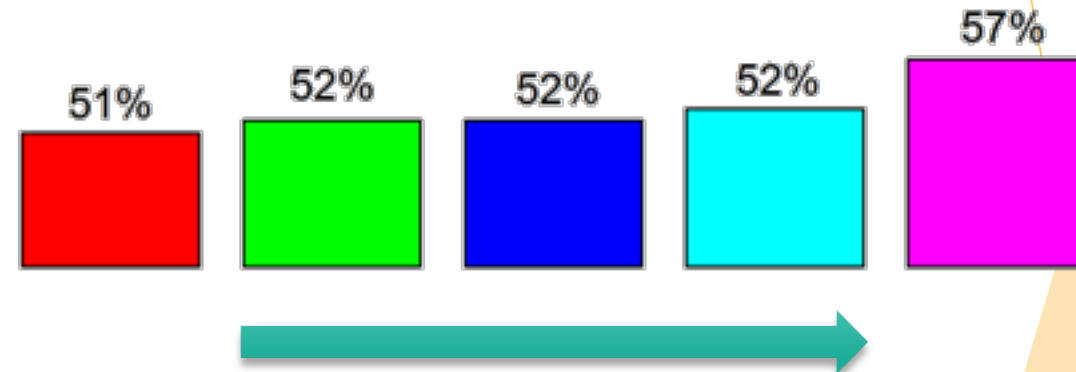
**Aalto University**

# Sharif – Research Papers

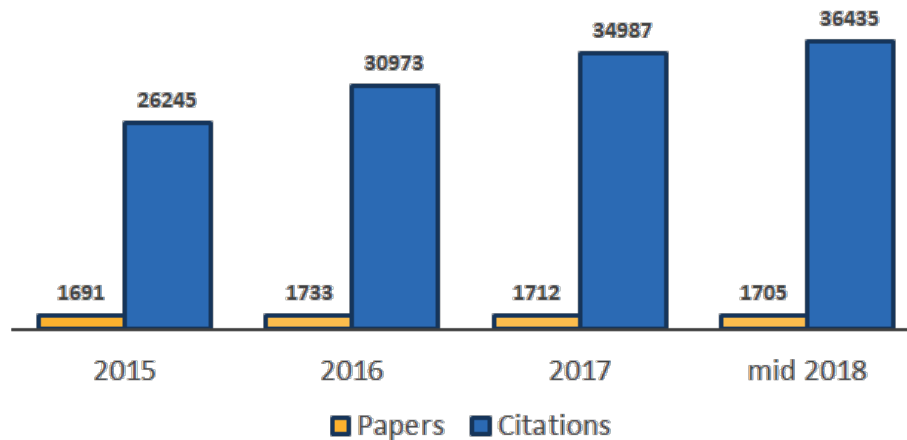
Papers per Faculty (Scopus)



Fraction of Papers in JCR Q1

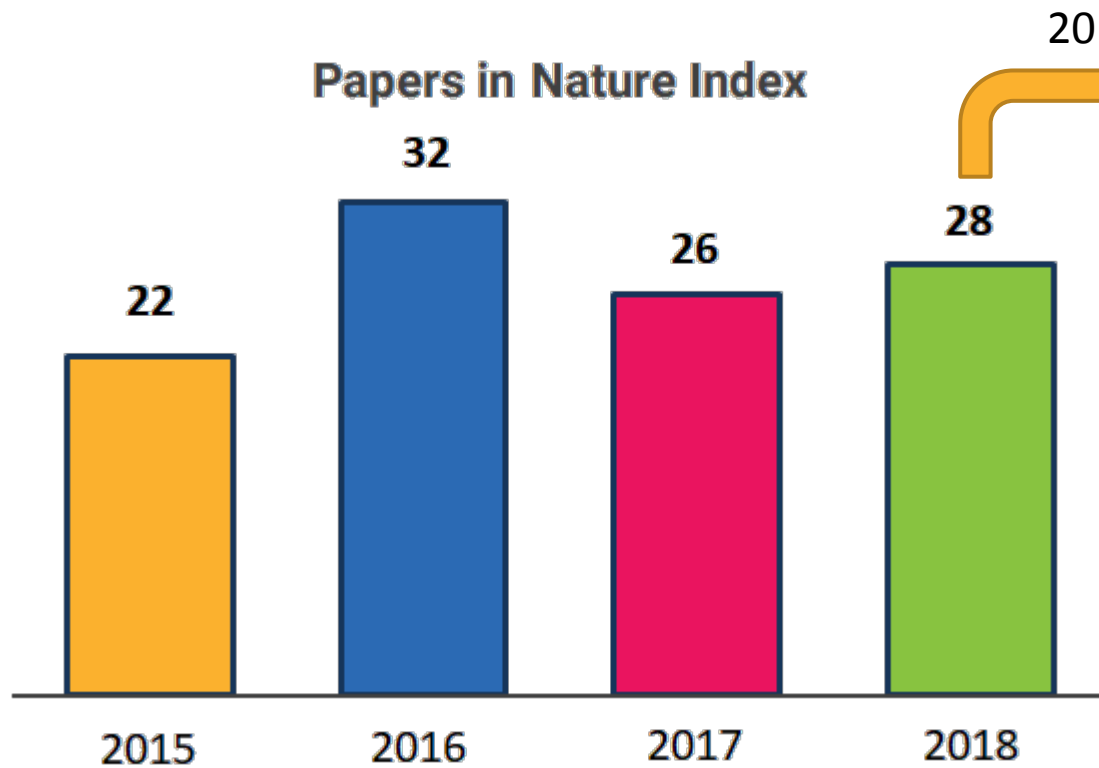


Papers vs Citations (Scopus)





# Sharif – Research Papers

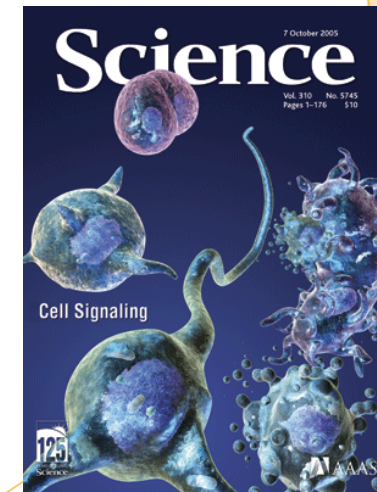


Papers in  
**Nature & Science**

**3**

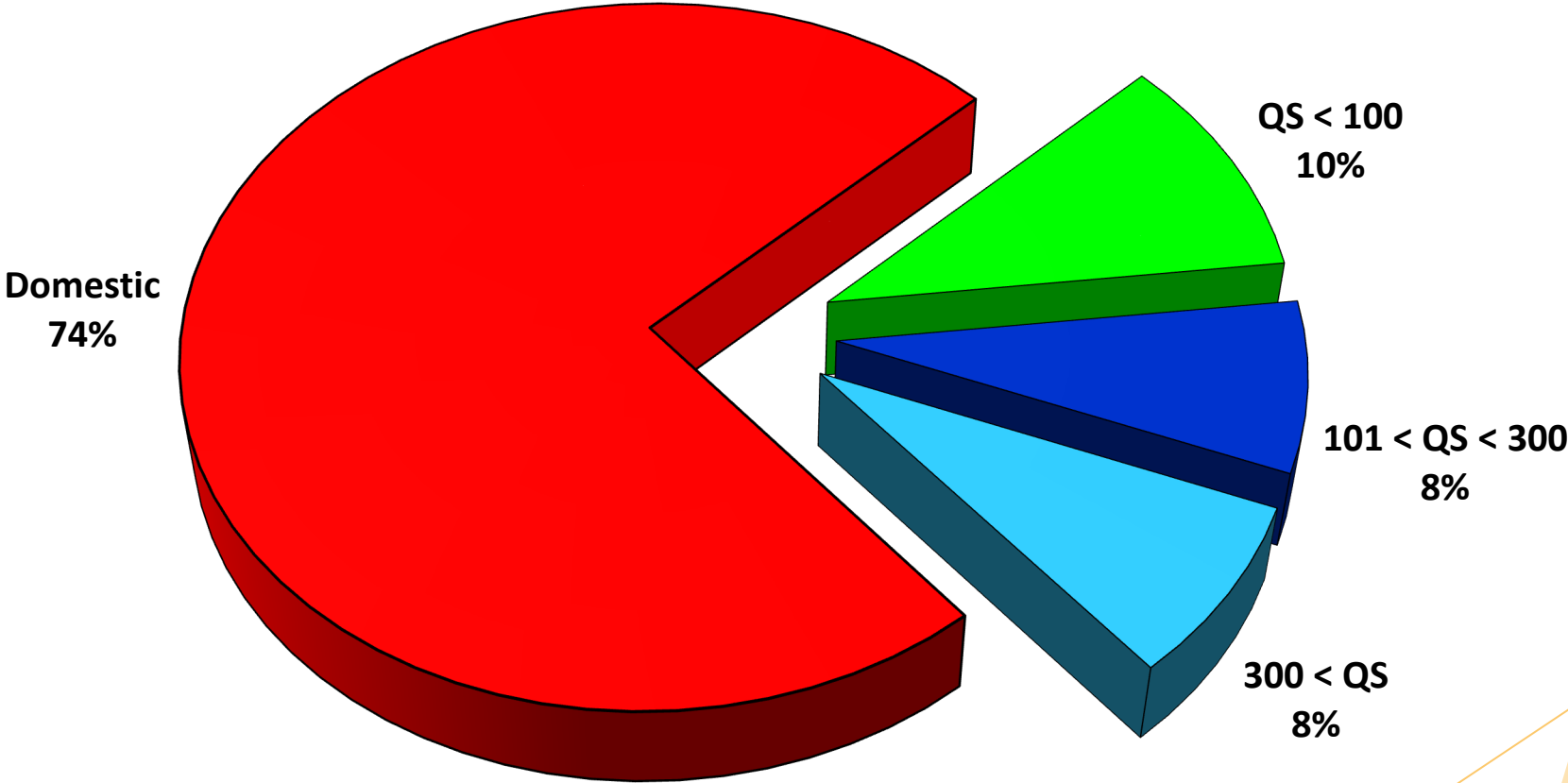
Citations of Papers in  
**Nature & Science**

**237**

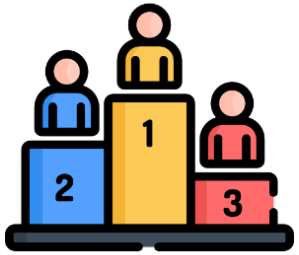




# Sharif – International Research Papers



## Sharif – Top Professors



Faculty members among  
**Top 1%** World-Wide Scientists

**18**  
(4%)



Faculty members with  
More than **1000** external citations

**61**  
(13.5%)



# Sharif – International Training



**Educational Program,  
EMI Bolivia**

**\$550**  
thousand



**Executive Program,  
Oil & Gas, Oman**

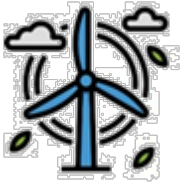
**Request  
for Tender**

# Sharif – International Grants



**Chemistry**

**3**



**Energy**

Eng.

**1**



**Computer**

Eng.

**1**



**Mechanical**

Eng.

**6**



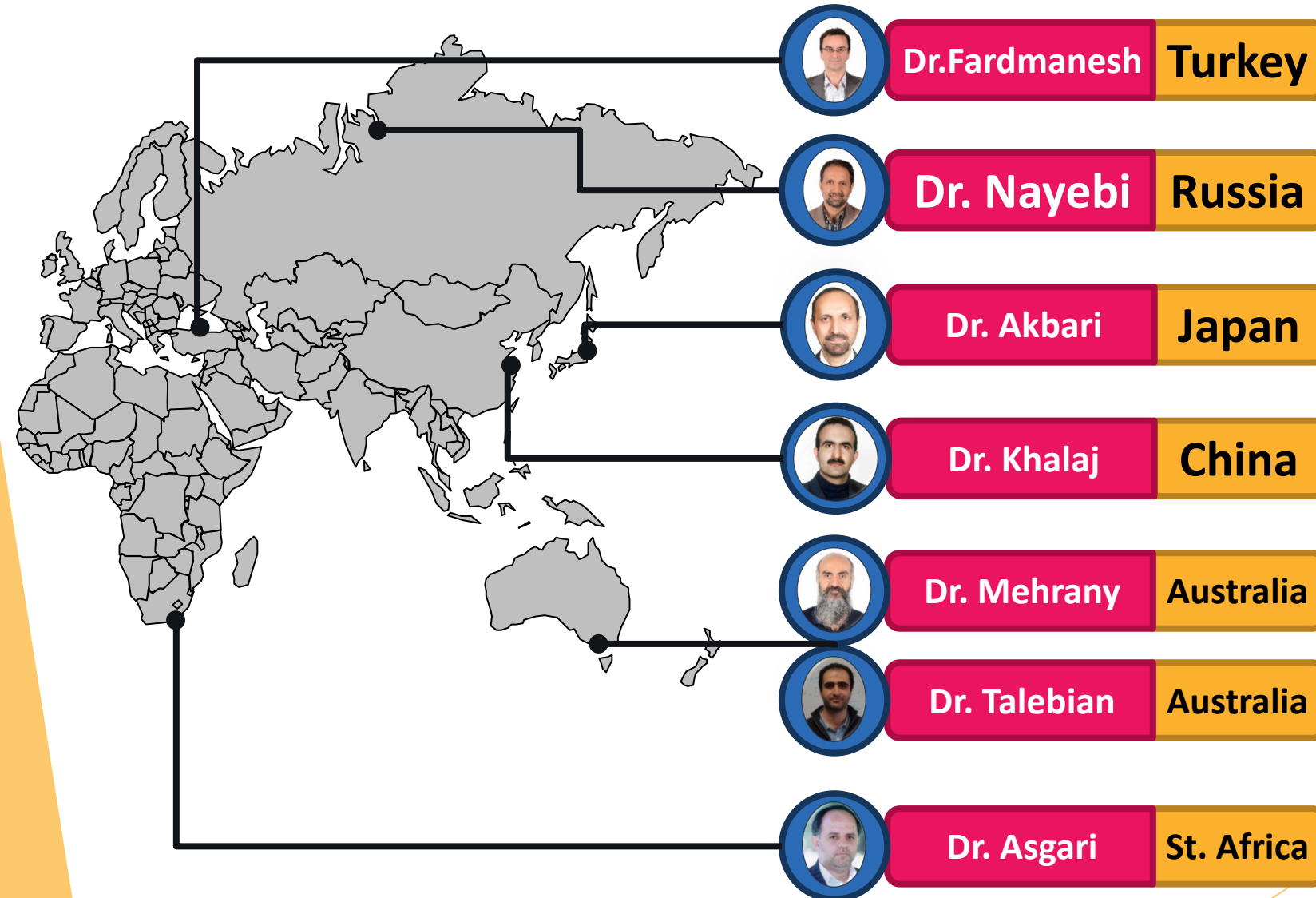
**Chemical &  
Petroleum** Eng.

**7**



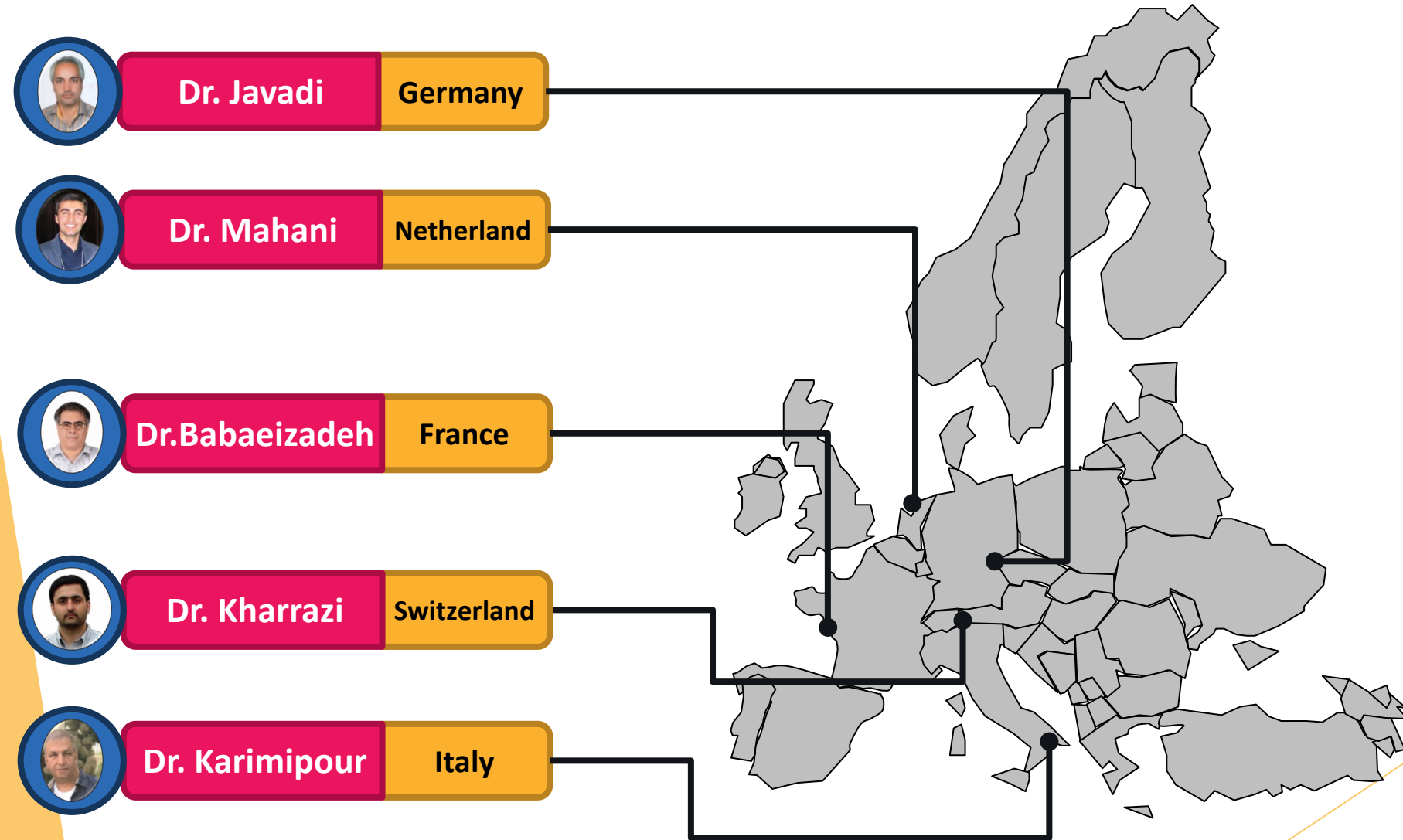
**\$8.3 million**

# Sharif – International Relation Handlers





# Sharif – International Relation Handlers

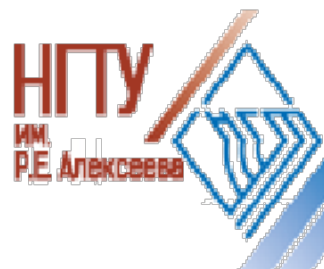




# MoU with Russian Universities

**11** Agreements

Oct.  
**2017**



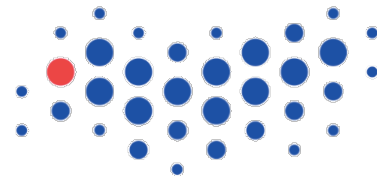


# MoU with Russian Universities

**3 New Agreements 2018**



**South Ural  
State University**  
National Research  
University



**ITMO UNIVERSITY**



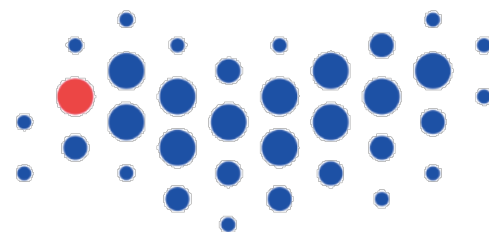


## Visit to Russia (Feb. 6-10, 2018)



**POLYTECH**

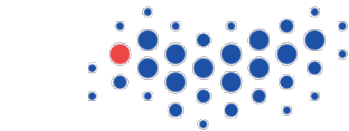
Peter the Great  
St. Petersburg Polytechnic  
University



**ITMO UNIVERSITY**



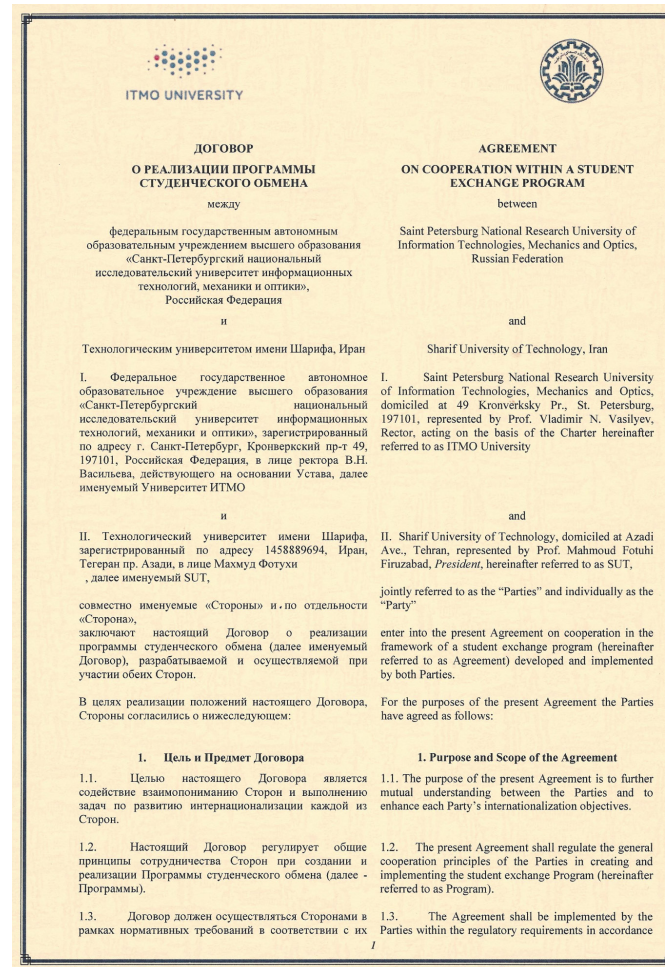
# Visit to Russia (Jun. 18-21, 2018)



ITMO UNIVERSITY



Kazan Federal  
UNIVERSITY





# Visit to Russia (Jun. 18-21, 2018)

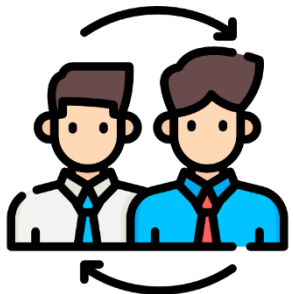


## Visiting Profs



**POLYTECH**

Peter the Great  
St. Petersburg Polytechnic  
University



## Student Exchange

First batch: Jan. 2019



ITMO UNIVERSITY



**Kazan Federal**  
UNIVERSITY





# INSF-RFBR – Joint Research

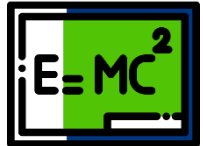


Mathematics

1



Sobolev institute of mathematics

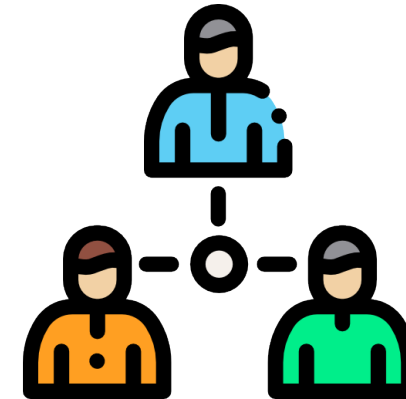


Physics

1



Lomonosov Moscow State University



New proposals with SPBU  
Institute of Chemistry

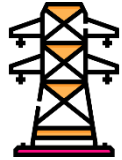
**10** More Proposals Ready



St. Petersburg University



# PhD Sabbaticals



**Electrical Eng.**

**1**

**Skoltech**

Skolkovo Institute of Science and Technology

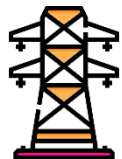


**Chemistry**

**1**



St. Petersburg  
University



**Electrical Eng.**

**1**



ITMO UNIVERSITY



**Energy Eng.**

**1**

**Skoltech**

Skolkovo Institute of Science and Technology



**Aerospace  
Eng.**

**1**



St. Petersburg  
University





# Summer School 2018 - SPBPU



**Nuclear Eng.**

**2+1**



**Space Eng.**

**3**



**Business in  
Russia**

**1**



**Biomedical  
Eng.**

**4**



**Innovative  
Marketing**

**3**



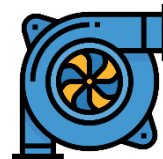
**Architecture  
& Civil**

**2**



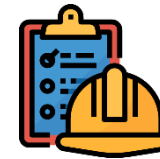
**Oil & Gas**

**9**



**Turbo  
Machinery**

**1**



**Project  
Management**

**3**



**Electrical Eng.**

**2**



**Territorial  
Branding**

**1**



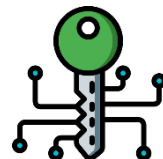
**Business &  
Entrepreneurship**

**5**



**Plasma  
Physics**

**1**



**Modern SAP  
Technologies**

**1**

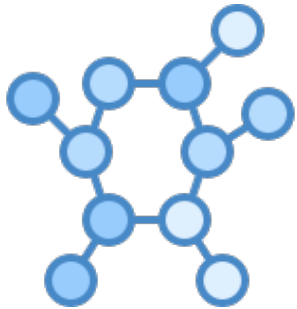


# Visiting professor program



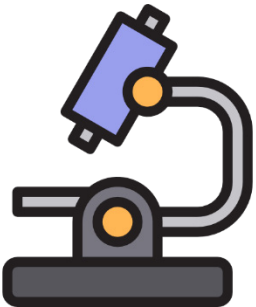
## **Prof Ayatollahi**

(Sharif – Chemical & Petroleum)  
Taught at SPBPU



## **Prof Kapralova**

(SPBPU)  
Taught at Sharif – Material Science



## **Prof Yaminsky**

(MSU)  
Taught at Sharif – Physics

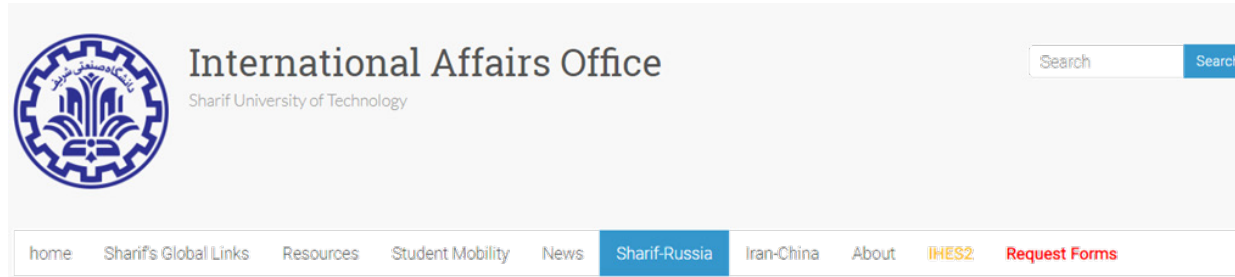


# Joint Workshop





# Sharif-Russia Website



Sharif - Russia Academic Cooperation

- [About](#)
- [Partners](#)
- [Visits & Meetings](#)
- [Joint Researches](#)
- [Joint Workshops](#)
- [Sabbatical for Professors](#)
- [Sabbatical for PhD Students](#)
- [Visiting Professor Program](#)
- [Short Courses & Summer Schools for Students](#)
- [Semester Exchange Program for BSc & MSc Students](#)



# Conclusions

- ▶ Collaborations between Iranian & Russian universities could be extended much further.

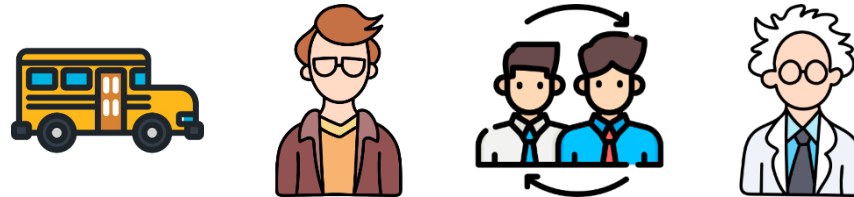
- ▶ The main obstacle:

**Lack of sufficient funding from both sides**

# Recommendations

- ▶ Special budget for “Iran-Russia” collaborations

- ▶ Incentive for Summer Schools, PhD students (Sabbatical), Hosting visiting professors



- ▶ INSF-RFBR fund should be strengthened

- ▶ Support more joint-research proposals each year and with higher budget limits





# Sharif – On Its Way to Internationalization



Transforming National  
Talents to Global Bests

Committed to Quality

Technology for Society

# Thank You for Your Attention

