



Marie Curie Alumni Association MCAA Russian Chapter 2020

Boris A. Voronin¹, Olga Boytsova², Sergei Luchkin³, Yuliya Shakalisava⁴,
Nikolay Bobylev⁵

Russian Chapter MCAA and

¹ Zuev IAO SB RAS and TUSUR, Tomsk, Russia

² Lomonosov Moscow State University, Moscow, Russia

³ Skolkovo Institute of Science and Technology, Moscow, Russia

⁴ Leiden University, Leiden, Netherlands

⁵ St. Petersburg State University, St. Petersburg, Russia

- *At first I must say thank you to Marie Curie program for support and for External Audit (very helpful instrument as Russia as EC too!)*
- **Some words about MCAA (Russian Chapter)**
- **Indicated some difficulties of EC-Russia science cooperation**
- **Possible solution of those difficulties**

MCAA: Vision, Mission, Strategy, Goals

<https://www.mariecuriealumni.eu/about-us>



MARIE CURIE ALUMNI ASSOCIATION

- HOME
- ABOUT US ▾
- CHAPTERS & GROUPS
- EVENTS ▾
- NEWS ▾
- ALUMNI ▾
- JOB
- MCAA ACADEMY
- PARTNERSHIPS

🏠 MCAA > About Us

SHARE

MCAA: A global network of researchers

Vision

We envision a future in which knowledge will be used to benefit society.

Mission

We support, and contribute to, the advancement of knowledge for a global, diverse, and informed society.

Strategy

MCAA connects researchers throughout Europe, and around the world, to enable international transdisciplinary collaborations.

Goals

1. Enhance the flow of knowledge across different countries, sectors of the economy, and scientific disciplines
2. Encourage networking, cooperation, and mutual understanding among MCAA members, and external stakeholders
3. Serve as a forum of debate for researchers and citizens

The Marie Curie Alumni Association was launched initially as a restricted-access web-site in 2012. In November 2013, the first general meeting of registered users of this web-site was held in Brussels, this paved the way for the official creation of the MCAA as an AISBL (international not-for-profit association) under Belgian law on 7th February 2014³

MCAA BOARD

VOTE!

BOARD(11)+EX-OFFICIO(33+7)
+([EC-commissar(1-2)+[contractor])



MCAA Board



Chair
Mostafa Moonir Shawrav



Vice Chair
Fernanda Bajanca



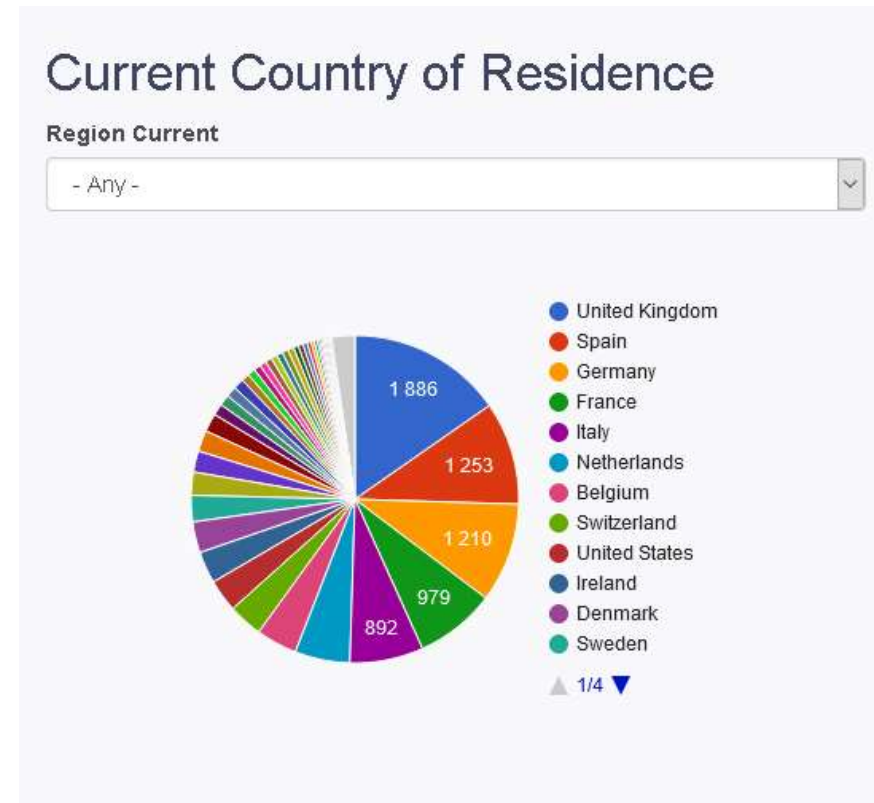
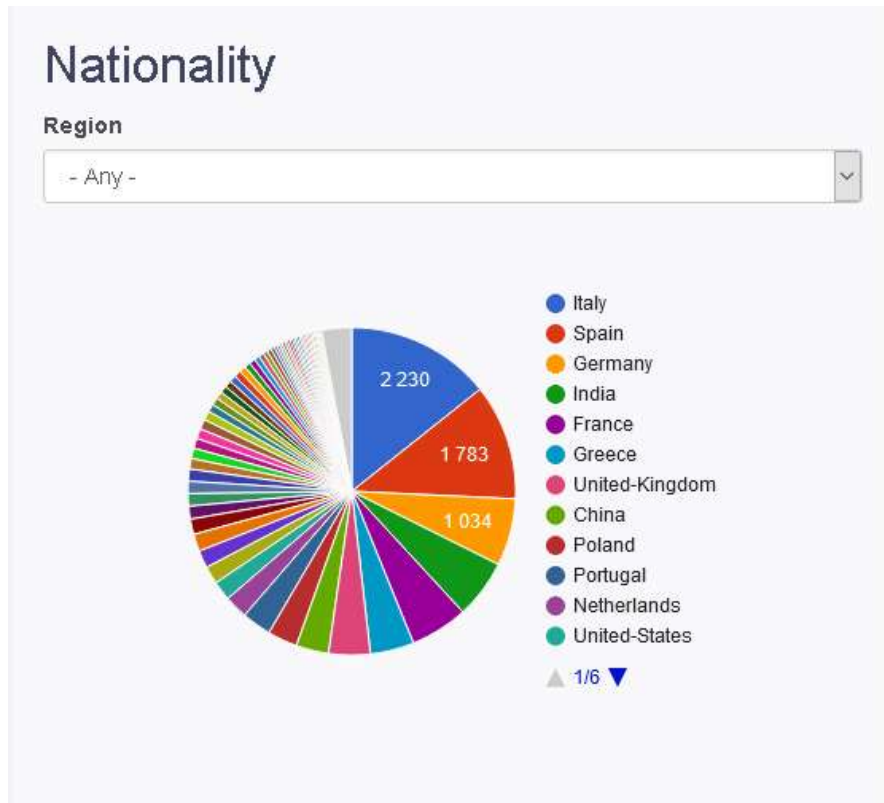
Vice Chair
Valentina Ferro



Treasurer
Francesco Sanna

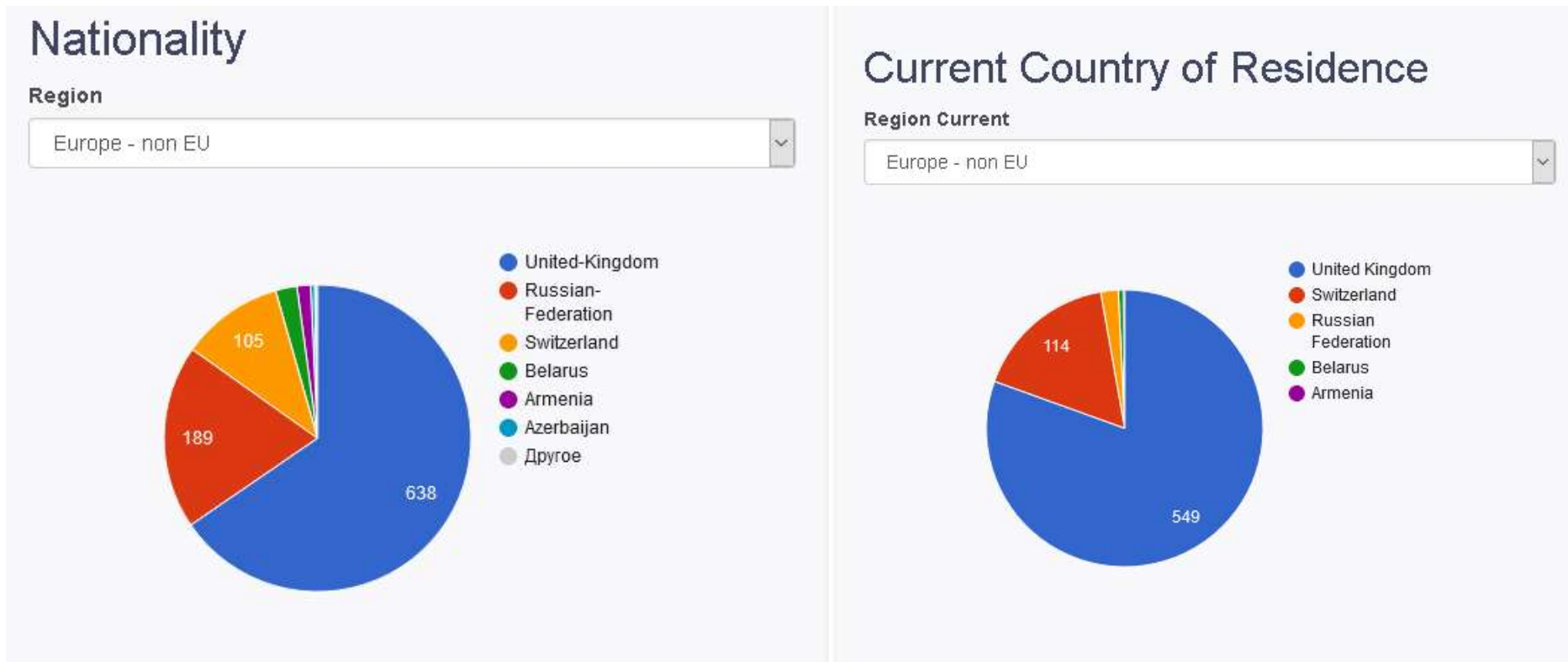
> 15500 MCAA members (110.000 MSCA)

From Italy -> To UK


















Non-EU MCAA members

175 (92%) Russian members don't come back to Russia,
Sorry to say that re-integration not work very well ...
after MCAA data only 14 person from 189 (**189-14=175**)



33 Chapters, Germany -613, Italy 331, Russia – 35 members; Middle East Chapter - 8,

 Hungarian Chapter 66 members Chair: Edit Szekely	 Indian Chapter 312 members Chair: Praveen Kumar	 Ireland Chapter 219 members Chair: Sushil Mishra
 Israeli Chapter 66 members Chair: Sharon Sznitman	 Italy Chapter 331 members Chair: Luigi Caranti	 Middle East Chapter 8 members Chair: Mohammedwesam Amer
 North America Chapter 220 members Chair: Agnieszka Weinar	 Norway Chapter 32 members Chair: Deepak Palaksha	 Polish Chapter 129 members Chair: Rohan Soman
 Romanian Chapter 49 members Chair: Andrada LAZEA-STOYANOVA	 Russian Chapter 35 members Chair: Boris Voronin	 Southeast Asia Chapter 94 members Chair: Jenny Lind Elmaco
		

MCAA ASSAMBLEY 2013-2019

2020 ☹️ ->



2019 MCAA Conference and General Assembly - Vienna, Austria



2018 MCAA Conference and General Assembly - KU Leuven, Belgium



2017 MCAA Conference and General Assembly - Salamanca, Spain



2016 MCAA Conference and General Assembly - Venice, Italy



2015 MCAA Conference and General Assembly - Porto, Portugal



2013 First General Assembly - Brussels, Belgium

MCAA CONFERENCE and GENERAL ASSAMBLY 2019 (Vienna, Austria)



Russian Chapter is consisted 35 members



Ira Didenkulova



Alexander Kalsin



Shikhar Aggarwal



Nikolai Bobylev



Jakub Gismatullin



Andrey Anikeev



Elena Chernetsova



Boris Voronin



Denis Derkach



Daniil Marinov



Olga Boytsova



Yuliya Shakalisava



Alexis Lomakin



Sundar Thirumalai



Sergey Luchkin



Kristina Livitckaia



Mikayel Musheghyan



Yulia Sidorova



Alla Leukavets



Rayisa Moiseyenko



Grigori Sokolovski



Aminat Ramazanova



Olga Efremova



Anna Isakova



Anton Manoylov



Maxim Cherkashin

Ph.D. Sergey Luchkin



Education

National Research Nuclear University <u>MEPhI</u> , Moscow	Spec., Physics of metals	09/2003-03/2009
University of <u>Aveiro</u> , Aveiro, Portugal	Ph.D., Materials Science & Engineering	05/2012-06/2015

Employment

January 2016-present	Research Scientist, <u>Center for Energy Science and Technology, Skolkovo Institute of Science and Technology</u> , Moscow, Russia
05/2012-05/2015	Marie Curie Early Stage Researcher, University of <u>Aveiro</u> , Aveiro, Portugal; secondment at Robert Bosch GmbH, <u>Gerlingen</u> , Germany (within Marie Curie ITN “NANOMOTION” FP7-PEOPLE-2011-ITN-290158)

Ph.D. Advisor Andrei L. Kholkin, University of Aveiro

Postdoctoral Advisor Keith J. Stevenson, Skolkovo Institute of Science and Technology

Research Interests/Expertise

Surface science; scanning probe microscopy, nanoscale functional imaging, diffusion in solids; Li-ion battery materials; perovskite solar cells; high-temperature superconductors; thin films.

Co-authored 40 publications in WoS and Scopus journals (Google Scholar H-index 14).

Peer-reviewed manuscripts for ACS Nano, ACS Appl. Mater. Interfaces, Scientific Reports, Journal of Electroceramics, etc.

Profiles:

Google Scholar <https://scholar.google.com/citations?user=JrHneBoAAAAJ&hl=ru>

Publons <https://publons.com/researcher/1430989/sergey-luchkin/>

Research Gate https://www.researchgate.net/profile/Sergey_Luchkin

Web of Science ResearcherID K-3466-2015

Scopus AuthorID 55605675300

ORCID <https://orcid.org/0000-0003-1923-7449>



Dr. Yuliya Shakalisava is a project coordinator and a former Marie Skłodowska-Curie researcher at Leiden University. She is developing novel analytical methods for metabolomics research. Yuliya has worked in multidisciplinary research teams, management and administration in The Netherlands, Ireland and France. With her non-academic activities, Yuliya has extensive experience developing and writing research proposals in different disciplines – with a particular focus on Marie Skłodowska-Curie fellowships. She is a proposal evaluator for the Marie Skłodowska-Curie actions of Horizon 2020 and national evaluation panel expert.

Russian Chapter MCAA meetings



2015



2017



2018



2019

Round tables - «Transfer 1/2/3/4. Scientists, ideas, practics» of Rus. Chapter MCAA

RUSSIAN CHAPTER EXPERTS ARE INVITED



TO PARTICIPATE IN CONFERENCE “Scientific and technological development of the Russian Federation: implementation of the national project “ Science “2019



Difficulties of EC-Russia cooperation

- **Information.** There is no enough information at Russian Universities and RAS about science programs of EC at and perhaps about Russian programs in EC
- **Infrastructure** of Russian science and education is not very good for excellent integration
- **Support.** Lack of well-thought-out and functioning system of supporting: technical, language, visa, TAX, pension et al.
- **Development** new (or re-new) instruments (grants, programs et al.) “science also depends on politics”.

RECOMMENDATIONS and SUGGESTIONS

-to improve infrastructure and assistance to international students in Russia

- Russian language courses for international students/postdoc.
- Assistance with visa application and formal documents after arrival to Russia.
- Assistance with accommodation upon arrival
- English (Dutch, French, others)languages for Ms. and Ph.D. courses. Language barriers is a serious issue.



RECOMMENDATIONS and SUGGESTIONS

-to provide access of non-Russian citizens employed in universities in Russia to early career scientific and technological grant programs (RFFI, RSF etc.), otherwise they will not be able to continue working here due to career and financial limitations.



RECOMMENDATIONS and SUGGESTIONS

-At the first stage actively involve in the joint programs top laboratories with English speaking personnel. It will aid success and then will help to spread the Russia-EU joint projects to other Russian universities through additional internal collaboration programs



TOTAL:
71 science parks,
3,200 science park residents

Source: Russian association of clusters and science parks

“The most obvious answer to the lack of EU-Russia scientific collaborations is the lack of funding opportunities. Russia (and Belarus) is not an EU member or associated country for HORIZON2020 and they cannot directly benefit from the regular funding, e.g. they cannot be a partner or coordinator on a project. To participate in EU projects Russian and Belarusian research institutions would need to fund themselves in EU programmes. This is the main point.

From time to time, however, there are some specific EU funding programmes, where they encourage EU collaborations with certain countries, so-called widening programmes, or the research itself is focused on these specific countries and then Russia and Belarus can participate and benefit financially as a regular partner For example:

- FP7-INCO - Specific Programme "Capacities": International co-operation**
- H2020-EU.3.6. - SOCIETAL CHALLENGES - Europe In A Changing World - Inclusive, Innovative And Reflective Societies**
- INT-02-2015 - Encouraging the research and innovation cooperation between the Union and selected regional partners – proposals targeting Southern Mediterranean Neighbourhood, Eastern Partnership”**

- “These programmes could also be ERA-NET cofunds on a specific topic - where countries just agree to put in some budget towards a particular topic and EU tops up this budget. For example:
- H2020-EU.3.2.5. - Cross-cutting marine and maritime research
- BG-05-2016 - ERA-NET Cofund on marine technologies
- H2020-EU.3.4. - SOCIETAL CHALLENGES - Smart, Green And Integrated Transport
- GV-12-2016 - ERA-NET Co-fund on electromobility
- The most possible way of engagement is probably through MSCA actions. I have seen a lot RISE exchange programmes. But I believe Russian and Belarussian entities participate only as a place for exchange of personnel (this is the nature of RISE).
- H2020-EU.1.3.3. - Stimulating innovation by means of cross-fertilisation of knowledge
- MSCA-RISE-2019 - Research and Innovation Staff Exchange
- And talk about Marie Sklodowska-Curie fellowships - Russia could be an outgoing phase of a Global Fellowship (but would not be a direct beneficiary)
- In my experience, scientific collaborations is also an instrument of political reinforcement of relationships between countries. Not only at EU level, but at national level too. When I worked in Dublin, Ireland was focused on the relationships with India and China and this was reflected in bilateral scientific programmes implemented by the national funding agency. So, **science also depends on politics.** “
- Yuliya Shakalisava

Thank you for attention!

Some ideas are also presented at the our paper –

Voronin A.B, Anikeev A.V.

“Analyzing Work from Graduates of the Marie Curie Alumni Association as a Tool for EU Collaboration with National Scientific Expatriate Communities”.

Science Governance and Scientometrics. V.14 N.4., P.504-522. 2019.

DOI: <https://doi.org/10.33873/2686-6706.2019.14-4.504-522> (on Russian)