



**МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
РОССИЙСКОЙ ФЕДЕРАЦИИ**

(МИНОБРНАУКИ РОССИИ)

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26.04.2022 № МН-12/881

На № \_\_\_\_\_ от \_\_\_\_\_

Руководителям научных  
и образовательных организаций,  
подведомственных Минобрнауки России

Об участии в седьмом Форуме  
молодых ученых стран БРИКС

Департамент международного сотрудничества Минобрнауки России информирует о проведении конкурсного отбора на участие в **седьмом Форуме молодых ученых стран БРИКС** (далее – Форум). Рабочий язык мероприятия – английский.

Форум представляет собой уникальную коммуникационную площадку талантливой молодежи стран БРИКС для обмена опытом, расширения сети профессиональных знакомств и возможностей проведения совместных исследований.

Мероприятие под девизом «Раскрывая молодежный потенциал, формируем будущее БРИКС» запланирован к проведению в период с 29 августа по 1 сентября 2022 года в режиме видео-конференц-связи под председательством китайской стороны.

Участники Форума будут презентовать информацию о своих научных достижениях в ходе тематических сессий по направлениям биомедицина, искусственный интеллект, новые материалы и низкоуглеродные технологии.

В рамках Форума также состоится **пятый Конкурс «Молодые инноваторы стран БРИКС»** (далее – Конкурс). Цель Конкурса – поощрение перспективных молодых исследователей из стран БРИКС за новаторские инициативы в области низкоуглеродных технологий, биомедицины, искусственного интеллекта, возобновляемых источников энергии и сельского хозяйства, способные внести вклад в социально-экономическое развитие стран «пятерки».

Призовой фонд Конкурса составляет 85 тыс. долл. США. Главный победитель за первое место получит вознаграждение в размере 25 тыс. долл. США, два участника, занявшие вторые места, – по 15 тыс. долл. США и три обладателя третьих мест – по 10 тыс. долл. США.

От каждой страны БРИКС ожидается 32 участника, из них – по 5 молодых ученых (до 40 лет с ученой степенью) по каждому из перечисленных выше четырех отраслей знаний, 10 молодых инноваторов с проектами (до 40 лет) и 2 экспертных члена жюри указанного Конкурса.

В случае заинтересованности **в срок до 10 июня 2022 года** необходимо представить в адрес Кутузовой Альбины Альбертовны kutuzovaaa@minobrnauki.gov.ru данные потенциальных кандидатов из числа:

**молодых ученых** (заполненная анкета по прилагаемой форме на английском языке, фотография, копия основной страницы российского паспорта, а также краткая биография номинанта и рекомендательное письмо, подписанное руководством организации, на русском языке);

**молодых инноваторов** (заполненная анкета по прилагаемой форме на английском языке, фотография, копия основной страницы российского паспорта, а также краткая биография номинанта и рекомендательное письмо, подписанное руководством организации, на русском языке. Кроме того, необходимо приложить информационные материалы об инновационном проекте на английском и русском языках);

**экспертного члена жюри Конкурса** (резюме с фотографией кандидата на английском и русском языках, а также рекомендательное письмо, подписанное руководством организации, на русском языке).

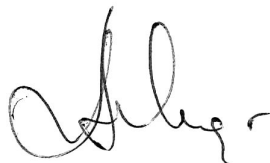
При определении кандидатов от организации просим в первую очередь руководствоваться принципами объективной оценки накопленного научного опыта, уровня квалификации предполагаемых участников и продвинутого знания английского языка.

Подробнее об условиях и правилах участия можно ознакомиться в прилагаемых материалах.

Приложение: на *12* л. в 1 экз.

С уважением,

Врио директора Департамента  
международного сотрудничества



А.В. Моржухин



# **THE 7<sup>TH</sup> BRICS YOUNG SCIENTIST FORUM**

August 29<sup>th</sup> - September 1<sup>st</sup>, 2022

Xiamen, Fujian Province, China

Hosted by: Department of International Cooperation, MOST, China

Xiamen Science and Technology Bureau

Organized by: China Science and Technology Exchange Center

Xiamen University

## **The 7<sup>th</sup> BRICS Young Scientist Forum**

### **Overview**

The idea of the BRICS Young Scientist Forum was adopted at the 2<sup>nd</sup> BRICS Science, Technology and Innovation(STI) Ministerial Meeting upon the proposal of India. The first forum was held in September 2016. During the 4<sup>th</sup> BRICS STI Ministerial Meeting in October 2016, members agreed to hold the forum on a rotation basis in the hosting country.

China, as the BRICS Chair Country for 2022, will host the 7<sup>th</sup> BRICS Young Scientists Forum from 29<sup>th</sup> August to 1<sup>st</sup> September in Xiamen. During the forum, an online platform will be published to show the scientific research achievements of young scientists and young innovators, promoting more people to understand the scientific and technological innovation of BRICS countries, and deepen scientific and technological innovation cooperation among BRICS countries.

The forum will provide a high-level academic and policy exchange platform for outstanding young scientists and scientific and technological talents from BRICS countries, promote exchanges and cooperation in the field of research and development, and create a BRICS intercultural talent pool for STI cooperation.

### **Theme**

Inspire Youth Potential, Shape BRICS's Future

### **Thematic fields**

#### **Low-carbon technology**

To address global climate change and achieve peak carbon neutrality requires a comprehensive green transformation of economic and social development, involving energy structure, industrial transportation and ecological improvement. Scientific and technological innovation urgently needs to play a leading and supporting role in this process. BRICS countries should strengthen scientific and technological cooperation, advance scientific and technological cooperation on global climate governance, and jointly promote sustainable prosperity of the world.

#### **Biomedicine**

As COVID-19 continues to drag on around the world, BRICS countries need to work together to tackle the pandemic, focus on vaccine cooperation, strengthen scientific cooperation on infectious diseases that pose a threat to public health, and enhance the prevention and control capacity of our five countries, so as to contribute BRICS strength to the global fight against the epidemic and make new contributions to international public health cooperation.

#### **Artificial Intelligence**

AI is becoming an important driving force of the new round of scientific and technological revolution and industrial transformation. Industrial artificial intelligence is the ultimate goal of the future industry, which will effectively solve the problems of manufacturing cost, efficiency, management, safety and so on. Big data is the energy source of AI. Only with good



## The 7<sup>th</sup> BRICS Young Scientist Forum

application of big data can the efficiency of artificial intelligence be better played. AI and related interdisciplinary scientific research and innovation breakthroughs are the joint efforts of academia and industry, and interdisciplinary research and application are advancing.

### **New material**

Material is the basis for human survival and development, and is the basis for the next generation of technological revolution. Graphene has been one of the hottest research areas in the last decade, and bringing graphene and related materials out of the laboratory into society will create more technological innovations and breakthroughs. Bio-based materials are also one of the hot spots of new materials today. The world is implementing more and more strict "plastic ban". Bio-based materials known as "green, environmental protection, renewable and easy to degradation" will welcome a golden period of development.

### **Form**

Considering the impact of COVID-19, the forum will be held online and offline simultaneously, participants from outside China will attend online.

### **Participants**

1. Each BRICS country recommends 5 participants per topic (total 20 from each country).
2. Under 40 years old (born after Jan 1<sup>st</sup>, 1982).
3. Hold doctorates (or Engineers/Entrepreneurs with equivalent qualifications).
4. The intellectual property rights concerned are owned by participant or his/her team.

### **Timeline**

1. The 7<sup>th</sup> BRICS YSF nomination form and nomination cover letter should be submitted no later than June 26<sup>th</sup>.
2. Any material including forms, pictures, videos related to the participants' scientific research achievements expecting to be presented on the website should be submitted no later than June 26<sup>th</sup>.

### **Contact**

For details contact the following:

**Ms. Liang Jing**, Science & Technology Department, Xiamen University

E-mail: lj@xmu.edu.cn

Tel: +86-592-2180583

**Ms. Li Wenjing**, Ministry of Science & Technology, China

E-mail: 853134596@qq.com

**Mr. Ma Yunfei**, China Science and Technology Exchange Center, MOST, China

E-mail: cstec\_dyc@163.com

### **Enclosures**

1. The 7<sup>th</sup> BRICS YSF Nomination Form
2. The 7<sup>th</sup> BRICS YSF Nomination Cover Letter



# **THE 7<sup>TH</sup> BRICS YOUNG SCIENTIST FORUM**

## **LOCAL NOMINATION FORM FOR [INSERT Country]**

**DUE DATE: June 26<sup>th</sup>, 2022**

## The 7<sup>th</sup> BRICS Young Scientist Forum

### The 7<sup>th</sup> BRICS YSF Nomination Form

<b>SECTION 1 OF 5 - Nominee Information</b>	
BRICS Country:	
Last Name:	First Name:
Photo (image must be larger than 250*300 pixels):	
Date of Birth (day/month/year):	
Address:	
Telephone:	Email:
Title:	
Institution/Affiliation:	
Field of Research:	
<b>SECTION 2 OF 5 - Nomination Statement (up to 300 words): Please describe how the nominee has demonstrated excellence in scientific research in the above fields and cooperation with scientists from other BRICS countries.</b>	
<b>SECTION 3 OF 5 - List of Peer Reviewed Scholarly Publications: Please list the nominee's peer reviewed publications (publication titles should be translated into English). Please continue onto separate page if necessary.</b>	



**The 7<sup>th</sup> BRICS Young Scientist Forum**

SECTION 4 OF 5 - Other Awards/Achievements/Contributions to market-led innovations: Please list below in English; please continue onto separate page if necessary.

SECTION 5 OF 5 - Pictures or short videos of relevant scientific research achievements: Unlimited number of pictures, but each picture should not be larger than 1M. Each video should not be larger than 1GB.

**Note:** Please submit all nomination documents before June 26<sup>th</sup>.





# **THE 5<sup>TH</sup> BRICS YOUNG INNOVATOR PRIZE**

August 29<sup>th</sup> - August 31<sup>th</sup>, 2022  
Xiamen, Fujian Province, China

Hosted by: Department of International Cooperation, MOST, China

Xiamen Science and Technology Bureau

Organized by: Torch High Technology Industry Development Center

Xiamen Science and Technology Exchange Center

## **The 5<sup>th</sup> BRICS Young Innovator Prize**

### **Overview**

The BRICS Young Innovator Prize is a platform for the implementation of the spirits of the *Memo of Understanding on BRICS Intergovernmental STI Cooperation* executed by the five BRICS countries and the Ministerial Meeting, and for BRICS young scientists and entrepreneurs to share their best practices in innovation and venturing. It provides support to the cooperation and exchange among BRICS STI talents. The Prize will be granted to the winners determined through innovation project contests among youths from BRICS countries. Totally four sessions of the Prize have been held successfully and it has become an important stage for BRICS youths to display their innovation talents and strengthen exchanges and cooperation. It plays a significant role in establishing quality partnerships.

The 5<sup>th</sup> BRICS Young Innovator Prize will be part of the 7<sup>th</sup> BRICS Young Scientist Forum which will be held from 29<sup>th</sup> August to 1<sup>st</sup> September in Xiamen, China.

### **Theme**

Inspire Youth Potential, Shape BRICS's Future

### **Thematic fields**

Low-carbon technology, Biomedicine, Artificial intelligence, Renewable energy, Modern agriculture.

### **Form**

Considering the impact of COVID-19, the forum will be held online and offline simultaneously, participants from outside China will attend online.

### **Timeline**

Project solicitation

No less than 2 projects are recommended for each BRICS country in each field, and no less than 10 projects in total. The recommendation deadline is June 26<sup>th</sup>, 2022.

1<sup>st</sup> round of evaluation

The 1<sup>st</sup> round of evaluation will be conducted by reviewing written documents of the candidates in July.

Final evaluation

The final evaluation will be held in August together with the Young Scientist Forum in a “field + video” format.



## The 5<sup>th</sup> BRICS Young Innovator Prize

### Project requirements

1. The project shall focus on the following 5 areas: Biomedicine, Low-carbon technology, Artificial intelligence, Renewable energy, Modern agriculture.
2. The project comes from universities, research institutes or enterprises.
3. The project must be innovative and has been transformed from scientific and technological achievements.
4. The project shall be in a phase of limited product testing, discontinuous production, certification, or preparation of the product for market.
5. The project shall not infringe upon the intellectual property of any third party and the IPR fruits (including patent, standard, thesis, etc.) must be owned by the project team members.

### Participants requirements

1. The age of applicant must be under 40 years (born after January 1, 1982) and a citizen of any BRICS country.
2. Each applicant can only choose one project field for the awards.
3. The applicant must observe the laws and regulations of China and public orders and good practices of China and other BRICS countries.

### Review rules

#### Format

1. The 1<sup>st</sup> round of evaluation will be conducted by reviewing written documents of the candidates in July. In principle, 4 projects in each field will be promoted to participate in the final. The specific number can be adjusted according to the practical situation.
2. The final will be held in the form of a "field + video" evaluation. The presentation of each project is limited to 10 minutes. The experts will score all the final projects which will then be ranked in the order of their score. The top 10 highest-scoring projects will be the award-winning projects and other projects will be the merit projects for the "BRICS Young Innovator Prize".

#### Jury

1. Establish a BRICS jury that composed of experts from universities, research institutes, enterprises, investment institutions and other relevant fields in BRICS countries.
2. Each BRICS country shall recommend at least 2 judges to the jury.

### Awards

The awards include 1<sup>st</sup> prize, 2<sup>nd</sup> prize, 3<sup>rd</sup> prize and merit prize.

First Prize: 1 winner, who will receive prize money of USD 25,000 and a certificate of merit.

Second Prize: 2 winners, who will receive prize money of USD 15,000 and a certificate of merit.



## **The 5<sup>th</sup> BRICS Young Innovator Prize**

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Third Prize: 3 winners, who will receive prize money of USD 10,000 and a certificate of merit.

The other projects of the final evaluation will receive a certificate of merit. The prize money and the certificate of merit will be granted during the award ceremony .

### **Application requirements**

1. The applications shall be sent to **Ms. Zhang Min**([guoji1@ctp.gov.cn](mailto:guoji1@ctp.gov.cn)) before June 26<sup>th</sup>, 2022 with copy to Mr. MaYunfei ([cstec\\_dyc@163.com](mailto:cstec_dyc@163.com)) and Ms. Li Wenjing ([853134596@qq.com](mailto:853134596@qq.com)).

2. The application documents must include:

Application form (completely filled, signed and dated).

Photocopy of ID card or passport.

### **Contact**

For details contact the following:

**Ms. Zhang Min**, Torch High-Tech Industry Development Center of MOST

Tel: +86-010-88656186

Email: [guoji1@ctp.gov.cn](mailto:guoji1@ctp.gov.cn)

**Ms. Ye Tingting**, Xiamen Science & Technology Exchange Center

Tel: +86-592-2529607

E-mail: [yett@xmkjtt.com](mailto:yett@xmkjtt.com)

### **Enclosure**

The 5<sup>th</sup> BRICS Young Innovator Prize Application Form



# **THE 5<sup>TH</sup> BRICS YOUNG INNOVATOR PRIZE**

**LOCAL NOMINATION FORM FOR  
[INSERT Country]**

**DUE DATE: June 26<sup>th</sup>, 2022**

## The 5<sup>th</sup> BRICS Young Innovator Prize

### The 5<sup>th</sup> BRICS Young Innovator Prize Application Form

<b>SECTION 1 OF 4 - Application Information</b>	
BRICS Country:	
Last Name:	First Name:
Photo (image must be larger than 250*300 pixels):	
Date of Birth (day/month/year):	
Address:	
Telephone:	Email:
Title:	
Institution/Affiliation:	
Field of Research:	
<b>SECTION 2 OF 4 - Project Description : It should include background, principle, progress, prospect, intellectual property status , etc.</b>	
<b>SECTION 3 OF 4 - Team Information : It should include information about team members, what the team has achieved, etc.</b>	
<b>SECTION 4 OF 4 - Signature</b>	
Applicant:	
Project Team:	
Application Date:	

**Note:** Please submit all application documents to Ms. Zhang Min ([guoji1@ctp.gov.cn](mailto:guoji1@ctp.gov.cn)) before June 26<sup>th</sup>, 2022.