



IAEA

原子用于和平与发展

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

地址: Vienna International Centre, PO Box 100, 1400 Vienna, Austria

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复函请援引: CN-275、EVT1805100

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国际原子能机构（原子能机构）秘书处向原子能机构各成员国致意，并荣幸地提请注意将于**2019年10月7日至11日**在**奥地利维也纳原子能机构总部**举行的**气候变化和核电的作用国际会议**。

这次会议的目的是提供论坛，就核电的作用以及安全、可靠和受保障的核技术发展在支持实现气候变化目标所需低碳能源转变方面的机遇和挑战进行信息交流。

这次会议将使用英文。

请各成员国向会议的目标受众分发随附的《通知和征文》，并使用“**A表**”指派与会者。大力鼓励各成员国确定合适的女性与会者。

原子能机构一般不承担与会者的差旅费和其他费用。但原子能机构可支配有限的资金，用于帮助支付某些与会者的与会费用。根据具体申请通常可向每个国家的一名与会者提供此种援助，条件是原子能机构认为以与会者名义申请援助的该与会者将为这次会议做出重要贡献。

使用**C表**进行的财政资助申请和使用**B表**提交的论文只有在《通知和征文》**L部分**所述截止日期前收到才能予以考虑。

应注意，原子能机构对个人财产遭受的任何损坏或损失概不赔偿。原子能机构也不向参加会议和专题讨论会的与会者提供健康保险。因此，个人应做私人保险安排。但是，原子能机构将就明显因为原子能机构工作而引起的事故和疾病提供保险。

国际原子能机构秘书处借此机会向原子能机构各成员国致以最崇高的敬意。



2019年1月31日

附件（仅以英文印发）：通知和征文
参加申请表（A表）
论文提交表（B表）
补助金申请表（C表）



Atoms for Peace and Development

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

Vienna International Centre, PO Box 100, 1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

Email: Official.Mail@iaea.org • Internet: <http://www.iaea.org>

In reply please refer to: CN-275; EVT1805100

Dial directly to extension: (+43 1) 2600-21314

The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **International Conference on Climate Change and the Role of Nuclear Power** to be held at the IAEA's Headquarters in Vienna, Austria, from **7 to 11 October 2019**.

The purpose of the conference is to provide a forum for the exchange of information on the role of nuclear power, and on the opportunities and challenges of safe, secure and safeguarded nuclear technology development in supporting the low-carbon energy transformation needed to achieve climate change goals.

The conference will be held in English.

Member States are invited to disseminate the attached Announcement and Call for Papers to the target audience for the conference and to designate participants using Form A. Member States are strongly encouraged to identify suitable women participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the conference. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Such assistance may be offered upon specific request to normally one participant per country provided that, in the IAEA's view, the participant on whose behalf assistance is requested will make an important contribution to the conference.

Applications for financial support using Form C, as well as submissions of papers using Form B, can only be considered if received by the deadlines indicated in Section L of the Announcement and Call for Papers.

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in conferences and symposia. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to assure the IAEA's Member States of its highest consideration.



2019-01-31

Enclosures: Announcement and Call for Papers

Participation Form (Form A)

Form for Submission of a Paper (Form B)

Grant Application Form (Form C)



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

International Conference on Climate Change and the Role of Nuclear Power

IAEA Headquarters

Vienna, Austria

7–11 October 2019

Ref. No: IAEA-CN-275; EVT1805100

Announcement and Call for Papers

A. Introduction and Scope

Climate change is one of the most important issues the world is facing today. Nuclear power can make a significant contribution to reducing greenhouse gas emissions worldwide, while at the same time fulfilling the increasing energy demands of a growing world population and supporting global sustainable development. Nuclear power has considerable potential to meet the climate change challenge by providing electricity, district heating and high temperature heat for industrial processes, generated with almost zero greenhouse gas emissions.

To reach climate change goals, including those established in the Paris Agreement, a significantly greater deployment of low-carbon energy technologies is needed. Nuclear power has the potential to play a significant role in achieving these mitigation goals and, as a large-scale, reliable, dispatchable, and concentrated source of energy, can also contribute to broader economic and social dimensions of sustainable development. The potential role of nuclear power has been recently addressed also in the Intergovernmental Panel on Climate Change (IPCC) Special Report on Global Warming of 1.5°C, released in October 2018.

The International Atomic Energy Agency (IAEA) has an important role in improving the understanding of the potential contribution of nuclear power by providing interested Member States with guidance and assistance for deploying safe, secure and safeguarded nuclear technology and in formulating national

energy strategies and policies. Supporting Member States in the attainment of the United Nations climate change targets and Sustainable Development Goals (SDGs) is thus closely aligned with the statutory objective of the IAEA — to accelerate and enlarge the contribution of atomic energy to peace, health and prosperity throughout the world.

To this end, the IAEA is organizing the 2019 International Conference on Climate Change and the Role of Nuclear Power in Vienna from 7 to 11 October 2019. The conference will provide a platform to discuss objectively the scientific and technical aspects of the role of nuclear power in combating climate change. Topics covered in the conference will include: challenges and opportunities for existing nuclear power plants with respect to their continuous contribution to the avoidance of greenhouse gas (GHG) emissions; factors necessary to support high rates of deployment, including for advanced nuclear power technologies, consistent with achieving the climate change goals, including those established under the Paris Agreement, and SDGs, namely SDG 7 (Ensure access to affordable, reliable, sustainable and modern energy for all) and SDG 13 (Take urgent action to combat climate change and its impacts); and the prospects for synergies between nuclear power and other low carbon energy sources.

The major thematic areas of the conference will comprise the mitigation challenge and implications for the power sector, including the role of nuclear power, stimulated by the engagement of Member States and various international organizations to improve the understanding of the relationship between nuclear and climate. The discussion will be guided by the following questions: “Where are we?”; “Where do we want to go?”; and “How do we get there?”. The broad themes will tackle the nuclear power interim and long-term contributions (at present, until 2030, and beyond 2030) targeting future innovative applications, opportunities to address common challenges, and strategic and cross-cutting issues relating to public perception, regulations, markets and finance.

The conference will provide an opportunity to discuss mainstreaming nuclear power as a low-carbon energy source and its role in combating climate change.

B. Purpose

The purpose of the conference is to provide a forum for the exchange of information on the role of nuclear power, and on the opportunities and challenges of safe, secure and safeguarded nuclear technology development in supporting the low-carbon energy transformation needed to achieve the climate change goals.

The IAEA seeks to bring together Member States, representatives of relevant low-carbon energy sectors, international organizations, and other parties. The conference themes include a description of the mitigation challenge, implications for the power sector, environmental perspectives, and potential roles of existing, evolutionary and innovative nuclear power systems, including the integration of nuclear/renewable energy systems.

C. Topics

The IAEA welcomes high-quality contributions that fall under the umbrella of the six topics listed below:

1. Advancing energy policies that achieve the climate change goals:

→ How nuclear power can contribute when planning for Nationally Determined Contributions (NDC) updates.

2. The increasing contribution of nuclear power in the mitigation of climate change, including synergies with other low-carbon power generation sources:

- Challenges and opportunities for existing nuclear power plants with respect to the continuous contribution to the avoidance of greenhouse gas (GHG) emissions;
 - How nuclear power can add a large volume of sustainable clean energy for electricity generation and non-electric applications, including through integration into hybrid energy systems; and
 - Synergies between nuclear power and other low carbon energy sources.
- 3. Development and deployment of advanced nuclear power technologies to increase the use of low-carbon energy:**
- Challenges associated with the rapid introduction of new nuclear power technologies into the market, and the implementation of effective regulatory processes; and
 - How to reduce GHGs in each stage of the nuclear fuel cycle, from front end to back end.
- 4. Shaping the future of the nuclear industry in regulated and deregulated energy markets to address climate change:**
- How to ensure the availability of resources, including attracting finance and ensuring competitiveness of new nuclear power projects.
- 5. Enhancing international cooperation and partnership in nuclear power deployment:**
- How to facilitate and foster development and deployment of nuclear power technologies through international cooperation and partnerships, including with organizations and partners of other low carbon technologies.
- 6. Public and non-nuclear stakeholders' perception of the role of nuclear power in climate change mitigation:**
- How to engage public opinion and open effective channels of communication with other stakeholders in the field of energy, environment and climate change.

D. Structure

The conference programme will consist of plenary/topical sessions with high-level keynote speakers, panel discussions, networking sessions, side events, e-poster/e-space interactive sessions and exhibitions. Parallel sessions will feature presentations selected from submitted contributed papers. The Conference President's summary will be presented during the closing plenary.

Exhibitions and various side events will be held in parallel to the conference, presenting global trends and innovative nuclear technologies to help meet the climate mitigation goals.

E. Contributed Papers and Posters

Papers on issues falling within the topics outlined in Section C above may be submitted as contributions to the conference. All papers, apart from invited papers, must present original work and should not have been published elsewhere.

E.1. Submission of contributed paper

Anyone wishing to present a paper at the conference — either orally or in the form of a poster — must submit a contributed paper **in electronic format** through the conference’s web-based file submission system (IAEA-INDICO). Paper copies cannot be accepted.

Instructions on how to upload the paper to IAEA-INDICO will be available on the conference web page (see Section N). The paper **must** be submitted through this system by **28 April 2019**. No other form of submission will be accepted. The IAEA will not accept papers submitted after the deadline.

The contributed paper should not exceed **4 pages, including references**. The paper must be in English and give sufficient information on the contents of the proposed paper to enable the Programme Committee to evaluate it. Submitting the paper in the indicated electronic format is mandatory. Specifications for the layout and the electronic format of contributed papers, as well as for the preparation of posters, will be made available on the conference web page.

A compilation of full papers (in electronic form) will be made available to participants at registration. The IAEA reserves the right to exclude papers that do not comply with its quality standards and/or that do not apply to one of the topics outlined in Section C above and/or that do not meet the expectations based on the information in the contributed paper.

In addition, authors must electronically submit the following two forms to their appropriate governmental authority (see Section F) for transmission to the IAEA. These forms must be received by the IAEA no later than **28 April 2019**:

- Participation Form (Form A)
- Form for Submission of a Paper (Form B)

IMPORTANT: The electronically received contributed paper will be considered by the Programme Committee only if these two forms have been received by the IAEA through the established official channels.

E.2. Acceptance of papers for oral presentation and poster presentation

The number of contributions that can be accepted for oral presentation is limited. Authors who prefer to present their papers as posters are requested to indicate this preference on Form A and in IAEA-INDICO, at the time of submitting their paper.

Authors will be notified by **26 June 2019** as to whether their papers have been accepted for presentation at the conference, either orally or as a poster.

IMPORTANT: The system for electronic submission of papers, IAEA-INDICO, is the sole mechanism for submission of contributed papers. Authors are encouraged to submit papers as early as possible. The IAEA will not accept papers submitted via email.

E.4. Conference Proceedings

The proceedings containing summaries of the plenary and technical sessions, as well as the contributed papers presented at the conference will be published by the IAEA as soon as possible after the conference. Copies of the proceedings can be ordered, at a special discounted price, during or after the conference.

F. Participation and Registration

All persons wishing to participate in the conference must be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State, participants are requested to send the following form(s), as applicable, to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority):

- Participation Form (Form A): participation only; no deadline if only Form A is submitted.
- Form for Submission of a Paper (Form B): participants submitting a paper through INDICO (deadline **28 April 2019**), must send the completed and signed Form B together with Form A to their competent national authority for onward transmission to the IAEA (Official.Mail@iaea.org) by **28 April 2019**.
- Grant Application Form (Form C): participants requesting financial support from the IAEA, must complete Form C and send it together with Form A (and Form B, if applicable) to the competent national authority for onward transmission to the IAEA (Official.Mail@iaea.org) by **28 April 2019**. Form C must be stamped and signed by the competent national authority.

Participants who are members of an organization invited to attend are requested to send the above form(s) through their organization to the IAEA (Official.Mail@iaea.org).

In addition, participants are requested to pre-register online through the IAEA web page for the conference.

G. Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the conference. The IAEA has, however, limited funds at its disposal to help cover the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the conference.

If governments wish to apply for a grant on behalf of one of their participants, they should address specific requests to the IAEA to this effect. Governments should ensure that applications for grants are:

1. Submitted by **28 April 2019**;
2. Accompanied by a duly completed Grant Application Form (Form C) signed and stamped by the Ministry of Foreign Affairs or the National Atomic Energy Authority; and
3. Accompanied by a completed Participation Form (Form A).

Applications that do not comply with the above conditions cannot be considered.

Approved grants will be issued in the form of a lump sum payment that usually **covers only part of the cost of attendance**.

H. Distribution of Documents

A preliminary programme of the conference will be made available on the conference web page (see Section N) before the start of the conference and the final programme will be distributed at the conference during on-site registration. It is intended that the contributed papers will be **distributed in a compiled electronic format (unedited) free of charge to all participants upon registration**. Questions relating to the contributed papers can be raised at the appropriate technical session or panel discussion.

I. Working Language

The working language of the conference will be English. All communications and papers must be sent to the IAEA in English.

J. Accommodation

Participants must make their own travel and accommodation arrangements. Detailed information on accommodation and other administrative matters will be sent directly to all designated participants approximately five months before the conference.

Please note that the IAEA is not in a position to assist participants with hotel bookings, nor can the IAEA assume responsibility for paying cancellation fees or for re-bookings and no-shows.

K. Visas

Designated participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria as soon as possible. Please note that Austria is a Schengen State and therefore persons who require a visa will have to apply for a Schengen visa at least 21 days before entry into Austria. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

If you need more information, please check: <http://www.eurovisa.info/SchengenCountries.htm>.

L. Key Deadlines and Dates

Submission of contributed papers, including Forms A and B, through official channels to the IAEA	28 April 2019
Submission of Grant Application Form (Form C) through official channels	28 April 2019
Deadline for exhibitor registration	31 May 2019
Notification of acceptance of paper	26 June 2019

M. Conference Secretariat

General postal address and contact details of the IAEA:

International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA
Tel.: +43 1 2600
Fax: +43 1 2600 2007
Email: Official.Mail@iaea.org

Scientific Secretaries of the Conference:

Mr Wei Huang

Division of Planning, Information and Knowledge Management
Department of Nuclear Energy
Email: Atoms4Climate@iaea.org

Mr Andrea Borio Di Tigliole

Office of the Deputy Director General
Department of Nuclear Energy
Email: Atoms4Climate@iaea.org

Mr Stefano Monti

Nuclear Power Technology Development Section
Division of Nuclear Power
Department of Nuclear Energy
Email: Atoms4Climate@iaea.org

Administration and organization:

Ms Martina Neuhold

Conference Services Section
Division of Conference and Document Services
Department of Management
Tel.: +43 1 2600 21314
Email: Conference.Contact-Point@iaea.org

Subsequent correspondence on scientific matters should be sent to the Scientific Secretaries and correspondence on administrative matters to the Conference Services Section.

N. Conference Web Page

Please visit the IAEA conference web page regularly for new information regarding this conference:
<https://www.iaea.org/events/climate-change-conference-2019>

Participation Form

International Conference on Climate Change and the Role of Nuclear Power

IAEA Headquarters, Vienna, Austria

7–11 October 2019

To be completed by the participant and sent to the competent official authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA), Vienna International Centre, PO Box 100, 1400 Vienna, Austria, either electronically by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed).

Please attach a passport copy or other document of identification (ID).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel:		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
Do you intend to submit a paper? Yes <input type="checkbox"/> No <input type="checkbox"/> Would you prefer to present your paper as a poster? Yes <input type="checkbox"/> No <input type="checkbox"/> Title:		

Form for Submission of a Paper

International Conference on Climate Change and the Role of Nuclear Power

IAEA Headquarters, Vienna, Austria

7–11 October 2019

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Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Deadline for receipt by IAEA through official channels: 28 April 2019

Title of the paper:		
Abstract id in IAEA-INDICO:		
Family name(s) and first name(s) of author(s): (same as in passport(s)) (if more than 3, please indicate them in INDICO)	Scientific establishment(s) in which the work has been carried out	City/Country
1.		
2.		
3.		
Family name(s) and first name(s) of author presenting the paper: (same as in passport)	Mr/Ms:	
Mailing address:		
Tel (Fax):		
Email:		

I hereby agree to assign to the International Atomic Energy Agency (IAEA):

- the copyright; or
- the non-exclusive, world-wide, free-of-charge licence (this option is only for those authors whose parent institution does not allow them to transfer the copyright for work carried out in that institution) granting the IAEA world rights for the use of the aforementioned material in this and any future editions of the publication, in all languages, and in all formats available now, or to be developed in the future (digital formats, hardcopy etc.).

Please note: If granting the licence mentioned above, please supply any copyright acknowledgement text required.

Furthermore, I herewith declare:

- that the material submitted to the IAEA is original, except for such excerpts from copyrighted works as may be included with the permission of the copyright holder thereof, has been written by the stated authors, has not been published before, and is not under consideration for publication by another entity;
- that any permissions and rights to publish required for third-party content, including but not limited to figures and tables, have been obtained, that all published material is correctly referenced; and
- that the material submitted to the IAEA does not contain any libellous or other unlawful statements and does not contain any materials that violate any personal or proprietary rights of any person or entity.

Date:

Signature of main author:

Grant Application Form

International Conference on Climate Change and the Role of Nuclear Power

IAEA Headquarters, Vienna, Austria

7–11 October 2019

To be completed by the applicant and sent to the competent official authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA), Vienna International Centre, PO Box 100, 1400 Vienna, Austria, either electronically by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed).

Deadline for receipt by IAEA through official channels: 28 April 2019

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yy/mm/dd):	Nationality:	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years worked	
			from	to

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of conference:

Date: **Signature of applicant:** _____

Date: **Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority** _____