



Átomos para la paz y el desarrollo

الوكالة الدولية للطاقة الذرية

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International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

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In reply please refer to: **EVT1904773**

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La Secretaría del Organismo Internacional de Energía Atómica (OIEA) saluda a los Estados Miembros del OIEA y tiene el honor de señalar a su atención la celebración de la **Reunión de la Red Mundial para la Física Atómica y Molecular de Plasmas** (denominada en adelante el “evento”), que tendrá lugar de forma virtual a través de Cisco Webex **del 6 al 10 de diciembre de 2021**.

La finalidad del evento es examinar, evaluar y recomendar las prácticas más recientes en materia de física fundamental de entornos plasmáticos, con especial hincapié en el plasma del borde y los dispositivos de fusión por confinamiento magnético.

El evento se celebrará en inglés.

Se invita a los Estados Miembros a designar a una o más personas para que participen en este evento en representación de su Gobierno y se los alienta encarecidamente a que seleccionen con ese fin a mujeres calificadas.

Las designaciones deben presentarse al OIEA por conducto de la autoridad nacional competente (el Ministerio de Relaciones Exteriores, la Misión Permanente ante el OIEA o la Autoridad Nacional de Energía Atómica), a más tardar el **22 de octubre de 2021**, por medio del formulario de participación adjunto (Formulario A). Los formularios de participación debidamente cumplimentados y autorizados deben enviarse por correo electrónico a la dirección: Official.Mail@iaea.org, o por fax al número +43 1 26007 (no se precisan copias impresas). Asimismo, han de enviarse copias por correo electrónico al Secretario Científico del evento, Sr. Christian Hill, División de Ciencias Físicas y Químicas, Departamento de Ciencias y Aplicaciones Nucleares (correo electrónico: Ch.Hill@iaea.org), y a la Secretaria Administrativa, Sra. Charisse Monfero (correo electrónico: C.Monfero@iaea.org). Una vez recibidas las designaciones oficiales, el Secretario Científico del evento contactará directamente a los participantes en relación con otras cuestiones de organización, según proceda.

El OIEA no se hace responsable de virus informáticos, gusanos, troyanos, puertas traseras, temporizadores, relojes, contadores o cualquier otra rutina, instrucción o diseño que limiten el funcionamiento, u otro código no solicitado malicioso, ilícito o similar, incluidos programas de vigilancia o rutinas que puedan permitir a cualquier persona el acceso, que estén diseñados con ese fin, o que accedan por iniciativa propia, con el objetivo de borrar, o dañar o modificar de cualquier otro modo datos o sistemas, servidores, instalaciones u otra infraestructura del usuario final (colectivamente, “código inhabilitante”). Asimismo, el proveedor de los servicios para la reunión virtual ha asegurado y garantizado que los Servicios no contendrán, ni ningún usuario final recibirá del programa informático empleado para celebrar la reunión virtual, ninguno de estos códigos inhabilitantes.

La Secretaría del Organismo Internacional de Energía Atómica aprovecha esta oportunidad para reiterar a los Estados Miembros del OIEA el testimonio de su distinguida consideración.



17 de septiembre de 2021

Documentación adjunta (en inglés únicamente):

Reseña informativa

Formulario de participación (Formulario A)

Formulario de presentación de memorias (Formulario B)



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Meeting of the Global Network for the Atomic and Molecular Physics of Plasmas

Virtual Event

6–10 December 2021

Ref. No.: EVT1904773

Information Sheet

Introduction

The Global Network for the Atomic and Molecular Physics of Plasmas (GNAMPP) is a consortium of research groups working in the area of fundamental atomic and molecular physics relevant to plasma processes. Its focus is on promoting collaboration and communication between experimentalists, theoreticians and modellers to improve the quality and completeness of data used in modelling and interpreting fusion plasmas.

GNAMPP provides a forum for the evaluation, validation and dissemination of data, the benchmarking of relevant modelling codes and the formulation of research guidelines and priorities. It holds a biennial meeting at which the data needs in a particular area of plasma physics research are addressed through invited and contributed presentations, discussion sessions and data evaluation activities.

The second GNAMPP meeting will be held as a virtual event from 6 – 10 December 2021 and will focus on aspects of the collisional-radiative modelling of various processes between plasma particles as well as with first wall particles in the edge plasma of magnetic confinement fusion devices. Special attention is in the processes related to tungsten and plasma fuel particles.

Objectives

- Knowledge-sharing and priority-setting for the fundamental data requirements of edge plasma modellers, as they relate to the properties of hydrogen isotopes and impurity particles ejected from plasma-facing components, such as tungsten.
- Identification and provision of missing data on tungsten in current edge plasma models, particularly non-resonant charge exchange and multi-step ionization and excitation processes.
- Establishment of a Working Group on the inclusion of photon opacity effects into (reduced) collisional-radiative models for edge plasmas
- Publication of meeting proceedings in a suitable journal publication or IAEA technical report.

Target Audience

Current and prospective members of the GNAMEP network; research scientists involved in the experimental and modelling aspects of edge plasmas; theoretical physicists involved in the calculation of the collisional and radiative properties of tungsten and hydrogen isotope ions as well as, potentially, ions derived from other plasma-facing materials such as beryllium and lithium.

Working Language(s)

The working language of the event will be English. All communications and papers must be sent to the IAEA in English. No simultaneous interpretation will be provided.

Participation and Registration

All persons wishing to participate in the event have to 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 **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **22 October 2021**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and technical matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and

assessing the application and to complete logistical arrangements where required. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

Papers and Presentations

The IAEA encourages participants to give presentations on the work of their respective institutions that falls under the topics listed above.

Participants who wish to give presentations are requested to submit an abstract of their work. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format, should extend to no more than one page (including figures and tables) and should not exceed 500 words. It should be sent electronically through INDICO, the Scientific Secretary of the event (see contact details below), not later than **22 October 2021**. Authors will be notified of the acceptance of their proposed presentations by **12 November 2021**.

In addition, participants have to submit the abstract together with the **Participation Form (Form A)** and, if relevant, the attached **Form for Submission of a Paper (Form B)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or their organization for onward transmission to the IAEA not later than **22 October 2021**.

IAEA Contacts

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Administrative Secretary:

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretary and correspondence on other matters related to the event to the Administrative Secretary.

Event Web Page *(Note: this section will be added if 'Publish to Internet' is selected under the Services Tab)*

Please visit the following IAEA web pages regularly for new information regarding this event:

IAEA: www.iaea.org/events/EVT1904773

Atomic and Molecular Data Unit: <https://amdis.iaea.org/meetings/gnampp-2/>

Indico website (for registration and abstract submission): <https://conferences.iaea.org/e/gnampp-2>

Participation Form

Meeting of the Global Network for the Atomic and Molecular Physics of Plasmas

Virtual Event

6–10 December 2021

To be completed by the participant and sent to the competent national 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) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary Ch.Hill@iaea.org and to the Administrative Secretary C.Monfero@iaea.org.

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: 22 October 2021

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
If/as applicable:		
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:		

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.



Form for Submission of a Paper

Meeting of the Global Network for the Atomic and Molecular Physics of Plasmas

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Deadline for receipt by IAEA through official channels: 22 October 2021

Title of the paper:		
If applicable: Abstract ID in IAEA-INDICO:		
Family name(s) and first name(s) of all author(s):	Scientific establishment(s) in which the work has been carried out	City/Country
1.		
2.		
3.		
Family name and first name(s) of author presenting the paper:	Mr/Ms:	
Mailing address:		
Tel. (Fax):		
Email:		

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Date:

Signature of main author: