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| itu_logo | **Unión Internacional de Telecomunicaciones****Oficina de Normalización de las Telecomunicaciones** |  |

 Ginebra, 16 de agosto de 2017

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| Ref.: | **Circular TSB 39** | – A las Administraciones de los Estados Miembros de la Unión;– A los Miembros del Sector UIT-T;– A los Asociados del UIT-T;– A la Academia de la UIT |
| Contacto:Tel.:Fax: | **Vijay Mauree**+41 22 730 5591+41 22 730 5853 |
| Correo-e: | vijay.mauree@itu.int | **Copia**:– Al Presidente y Vicepresidentes de las Comisiones de Estudio del UIT-T;– Al Director de la Oficina de Desarrollo de las Telecomunicaciones;– Al Director de la Oficina de Radiocomunicaciones;– A los Directores de las Oficinas Regionales de la UIT |

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| **Asunto**: | **Creación de un nuevo Grupo Temático sobre moneda digital, comprendida la moneda fiduciaria digital (FG DFC) y celebración de su primera reunión y del taller sobre normas para moneda fiduciaria digital, los días 12 y 13 de octubre de 2017, en Beijing (China)** |

Muy Señora mía/Muy Señor mío:

1 Tras el acuerdo alcanzado por el Grupo Asesor de Normalización de las Telecomunicaciones (GANT) del UIT-T en su reunión celebrada en Ginebra del 1 al 4 de mayo de 2017, me complace anunciar la creación del [Grupo Temático del UIT-T sobre moneda digital, comprendida la moneda fiduciaria digital](https://www.itu.int/en/ITU-T/focusgroups/dfc/Pages/default.aspx) (FG DFC).

2 La primera reunión del FG DFC tendrá lugar el 13 de octubre de 2017 en el Instituto de Economía y Política Mundiales (IWEP), Academia China de Ciencias Sociales (CASS), Nº 5 Jianguomennei Dajie, Beijing, 100732 China. La reunión del FG DFC estará precedida por un taller sobre normas de moneda fiduciaria digital para el acceso financiero universal, el 12 de octubre de 2017, en el mismo lugar. El taller está organizado de consuno por la UIT y el Instituto de Economía y Política Mundiales de la Academia China de Ciencias Sociales (CASS), con la amable asistencia del Instituto de dinero digital del Banco Popular de China, la Academia China de Tecnología de la Información y la Comunicación y el Instituto de moneda fiduciaria digital. El proyecto de programa para el taller y el orden del día de la reunión del FG DFC figuran, respectivamente, en los **Anexos** **2 y 3**.

3 Muchas partes interesadas están investigando y trabajando en moneda digital y moneda digital emitida por bancos centrales (moneda fiduciaria digital (DFC)). La DFC se ha comenzado a crear utilizando diferentes tecnologías y en distintas fases de implantación, por lo que el objetivo de este Grupo Temático es investigar las diversas plataformas y sus características. Al igual que la moneda fiduciaria en papel que fue importante en los siglos anteriores, y lo sigue siendo, para la integración financiera, la moneda fiduciaria digital también debe ser accesible a todos los ciudadanos del país y, por tanto, actuar de catalizador para acelerar la interoperabilidad de los servicios financieros digitales.

4 La infraestructura de telecomunicaciones/TIC constituye la mejor plataforma para ayudar a alcanzar este objetivo de moneda digital emitida por bancos centrales. La moneda fiduciaria digital exige la creación de servicios más eficientes, seguros y totalmente compatibles dentro de la infraestructura de TIC. Este Grupo Temático colaborará con las partes interesadas de todos los sectores para investigar los requisitos de DFC, los aspectos de seguridad y la normalización de la interoperabilidad. El Grupo Temático llevará a cabo sus actividades de conformidad con los procedimientos estipulados en la Recomendación ITU-T A.7. El GANT actuará de grupo matriz. En el **Anexo 1** figura el mandato de este Grupo.

5 La participación en el FG DFC está abierta a los Estados Miembros, Miembros de Sector, Asociados e Instituciones Académicas de la UIT, y a cualquier persona de un país Miembro de la UIT que desee contribuir a su trabajo, en particular las personas que también son miembros o representantes de organizaciones de normalización interesadas, bancos centrales y actores del sector de tecnología financiera.

6 El Sr. David Wen, eCurrency, ha accedido a presidir el Grupo Temático. Estoy convencido de que, al crear este Grupo Temático, el UIT-T cumplirá las expectativas de sus miembros y demostrará su capacidad para abordar los temas que requieren una atención urgente, tanto de los legisladores como de los participantes en el mercado.

7 Se invita a presentar contribuciones sobre los casos de utilización sobre la moneda digital y la moneda fiduciaria digital, en particular sobre los requisitos de la infraestructura de red, las características de seguridad y la interoperabilidad con otra infraestructura de sistemas de pago.

8 Se podrá participar a distancia en la reunión. En la página web del Grupo Temático se publicará más información sobre la participación a distancia y los documentos de la reunión: [https://www.itu.int/en/ITU-T/focusgroups/dfc/](https://www.itu.int/en/ITU-T/focusgroups/dfc/Pages/default.aspx).

9 La inscripción de los participantes comenzará el 12 de octubre de 2017 a las 08.30 horas en el lugar de la reunión. No hay cuota de inscripción para participar en esta reunión.

10 Los debates se celebrarán exclusivamente en inglés.

11 Los documentos para esta reunión se pondrán a disposición pública. Al preparar los documentos, tenga a bien utilizar la plantilla básica para documentos de los Grupos Temáticos que encontrará en la página web del Grupo Temático. Los participantes enviarán sus contribuciones a la Secretaría del FG DFC en formato electrónico a la siguiente dirección: tsbfgdfc@itu.int. **El plazo para la presentación de contribuciones termina el 1 de octubre de 2017**. Obsérvese que en la reunión no se hará uso de papel.

12 Para inscribirse a la reunión del FG DFC, tenga a bien utilizar el formulario en línea <https://www.itu.int/online/edrs/REGISTRATION/edrs.registration.form?_eventid=3000999> cuanto antes, pero a más tardar el **12 de septiembre de 2017**. Le ruego tenga presente que **la preinscripción de los participantes en los talleres se lleva a cabo exclusivamente en línea**. Para que podamos comunicarle las últimas novedades en cuanto a la planificación de la reunión, tenga la amabilidad de indicar una dirección de correo-e válida en el formulario de inscripción.

13 Podrá otorgarse **financiación para expertos**. Téngase en cuenta que los criterios para otorgar esta financiación son, entre otros, los siguientes:

a) presupuesto disponible;

b) participación de expertos de países menos adelantados o países con un bajo nivel de ingresos (<http://itu.int/en/ITU-T/info/Pages/resources.aspx>);

c) las funciones y actividades del solicitante guardan estrecha relación con la implantación de moneda digital y la integración financiera;

d) experiencia demostrada en los ámbitos de competencia del Grupo Temático;

e) presentación por el solicitante de una contribución con miras a hacer una ponencia en la reunión;

f) distribución equitativa entre países y regiones;

g) equilibrio de género.

Se dará preferencia a los reguladores nacionales y funcionarios públicos. Las solicitudes de financiación de expertos (utilícese el formulario del **Anexo 4**), deberán remitirse a la UIT **por correo electrónico a** **tsbfgdfc@itu.int** a más tardar el **31 de agosto de 2017**.

14 Le recordamos que los ciudadanos procedentes de ciertos países necesitan visado para entrar y permanecer en China. **Ese visado debe solicitarse lo antes posible y preferentemente al menos cuatro (4) semanas antes de la fecha de inicio de la reunión** en la oficina (embajada o consulado) que representa a China en su país o, en su defecto, en la más próxima a su país de partida.

15 Todas las solicitudes de carta de invitación para la obtención de visados deberán dirigirse a Huifang Tian por correo electrónico: tianhf@cass.org.cn con copia (CC) a tsbfgdfc@itu.int, indicando en el asunto **"Letter of invitation for visa"**,antes del **14 de septiembre de 2017**. **Se deberá adjuntar a este mensaje el formulario del Anexo 5 debidamente cumplimentado, donde se especifique el nombre y las funciones, la fecha de nacimiento, el número y las fechas de expedición y expiración del pasaporte de la persona o personas que solicitan el visado, así como una copia de la notificación de confirmación de la inscripción en la reunión del UIT-T del caso.** Los participantes tendrán que organizar por su cuenta el transporte desde el aeropuerto al hotel.

Atentamente,

Chaesub Lee
Director de la Oficina de
Normalización de las Telecomunicaciones

**Anexos**: 5

**ANNEX 1**

**Terms of reference of Focus Group Digital Currency including Digital Fiat Currency**

**1 Introduction**

The Focus Group will carry out an investigation of the digital fiat currency platforms, focusing on the platform features and characteristics, security challenges to prevent counterfeiting of currencies in digital form and overcome challenges of interoperability with other payment systems.

The ITU-T Focus Group on Digital Currency including Digital Fiat Currency will incorporate expertise and specialists from Central Banks, ICT regulatory authorities, financial institutions, financial service providers, security professionals, other standards bodies such as Global Platform and ISO, and academics to address the governance, ICT infrastructure support, and security aspects of Digital Fiat currency and its implication to further the fruit of Financial Inclusion efforts currently achieved through ICT projects and solutions. The focus group will analyze ICT solutions and projects in the area of infrastructure services regarding how a secure and interoperable digital instrument and their applications can enhance current financial inclusion solutions and projects in the area of regulatory compliance, security, protocols and processes that ITU-T study groups can standardize, and best practices that could facilitate the implementation of such solutions on a global scale.

This Focus Group will work primarily on Digital Fiat Currency and does not exclusively work on or endorse a single particular solution.

The Focus Group will study the network functionality necessary to support digital fiat currency including network security and protocol requirements as well as interoperability of digital fiat currency with other digital currencies.

**2 Objectives**

The main objectives of the Focus Group are to:

* Study the economic benefit and impact of introducing DFC over mobile money;
* Investigate the ecosystem of digital fiat currency implementation for financial inclusion;
* Map the functional network reference architecture and process components required to implement digital fiat currency and integration with existing payment systems for interoperability;
* Identify use cases, requirements and applications of digital fiat currency;
* Develop better understanding of the security, regulatory implications, consumer protection, fraud prevention and counterfeiting issues of DFS and how can digital fiat currency can address these concerns;
* Identify critical sovereign security, transparency and verifiability of DFC technology and provide guidelines towards the escrow of critical software and hardware components to ensure trust and verifiability; and
* Identify new areas for standardization in ITU-T study groups.

**3 Relationships**

This Focus Group will work in close collaboration with all ITU-T and ITU-D study groups, especially ITU-T
SG 17.

This Focus Group will collaborate with relevant entities, in accordance with Recommendation ITU-T A.7.

These entities include the following: financial institutions, telecommunications regulators, financial regulators, non-governmental organizations (NGOs), policy makers, SDOs, industry forums and consortia (such as ISO TC 68, W3C, etc.), payment systems networks, remittances companies, ICT companies, academic institutions, research institutions and other relevant organizations.

**4 Specific Tasks and deliverables**

The main tasks for the Focus Group will be to:

* Create a repository of documentation of the legal, regulatory and policy aspects of Digital Fiat Currency that serves as the governance foundation.
* Collect and document information on current initiatives from the stakeholders involved in digital fiat currency. This will involve developing use cases, requirements, and identifying exist standards related to digital financial services deployments across the world.
* Perform a gap analysis between the existing ICT infrastructure services and what is required by a seamless interoperable DFC solution.
* Perform a gap analysis on the work that was completed on DFS, the ongoing work in ISO TC 307, and other ongoing work in digital financial services.
* Collect best practices and lessons learned from existing efforts in achieving interoperability among different payment systems by the integration of traditional payment systems with digital fiat currency.
* Investigate use cases of architecture and ICT infrastructure used for implementation of digital fiat currency.
* Undertake an assessment of the benefits and lessons learned of implementations of existing digital fiat currency technology, focusing on the impact of digital fiat currency on enhancing security and interoperability in digital financial services to advance financial inclusion.
* Undertake an assessment of current security standards and best practices from other standards bodies and industry consortia that are applicable to the different components of an ICT infrastructure using digital fiat currency.
* Investigate current standardization work in digital fiat currency to identify areas which could be standardized in ITU-T.
* The Focus Group shall send its deliverables to the parent group, at least four calendar weeks before the parent group meeting.

The main deliverables of the Focus Group are as follows:

* Collect documentation that provides a reference foundation to the governance aspects of Digital Fiat Currency from the Central Bank and regulator perspective.
* Report on best practices and guidelines on policy and processes to ensure the sovereign security, transparency and verifiability of critical technology components.
* Report on the possible economic benefit and impact of DFC on mobile payment ecosystem.
* Develop definitions of terminologies and taxonomy for digital fiat currency and its ecosystem.
* Report on digital fiat currency ecosystem, describing the role and responsibilities of various stakeholders and uses cases for financial inclusion.
* Report on interoperability scenarios for digital fiat currency implementation.
* Develop a security architecture and reference model for implementation of digital fiat currency.
* Report on use cases for digital fiat currency and integration framework with existing payment systems for interoperability and consumer protection.
* Report on use cases for big data analytics in digital fiat currency implementation.
* Report on ICT security and governance reference model for digital fiat currency and assurance framework for compliance.
* Report on new areas for standardization in ITU-T study groups.
* Organize thematic workshops and events in order to collect inputs from various stakeholders.

**5 Parent group**

The parent group is TSAG.

**6 Leadership**

See clause 2.3 of Recommendation ITU-T A.7.

**7 Participation**

See clause 3 of Recommendation ITU-T A.7. A list of participants will be maintained for reference purposes and reported to the parent group. It is important to mention that the participation in this Focus Group has to be based on contributions and active participation.

**8 Administrative support**

See clause 5 of Recommendation ITU-T A.7.

**9 General financing**

See clauses 4 and 10.2 of Recommendation ITU-T A.7.

**10 Meetings**

The frequency and location of meetings will be determined by the Focus Group and the overall meetings plan will be announced as soon as possible. The Focus Group will use remote collaboration tools to the maximum extent, and collocation with existing meetings to the maximum extent. The meetings will be announced by electronic means (e.g., e-mail and website, etc.) at least four weeks in advance.

**11 Technical contributions**

Contributions are to be submitted at least twelve calendar days before the meeting takes place.

**12 Working language**

The working language is English.

**13 Approval of deliverables**

Approval of deliverables shall be taken by consensus.

**14 Working guidelines**

See clause 13 of Recommendation ITU-T A.7.

**15 Progress reports**

See clause 11 of Recommendation ITU-T A.7.

**16 Announcement of Focus Group formation**

The formation of the Focus Group will be announced via TSB Circular to all ITU membership, via the ITU-T Newslog and other means, including communication with the other involved organizations.

**17 Milestones and duration of the Focus Group**

The Focus Group lifetime is two years from the first meeting, but extensible by decision of the parent group if necessary.

The first meeting of the Focus Group is planned to be in the fourth quarter of 2017.

**18 Patent policy**

See clause 9 of Recommendation ITU-T A.7.

**ANNEX 2**

**Draft Programme of the First Workshop on Standards for Digital Fiat Currency (DFC) for
Universal Financial Access**

**October 12, 2017**

**Beijing, P. R. China**

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**Organized by**

International Telecommunication Union (ITU)

Institute of World Economics and Politics,

Chinese Academy of Social Sciences (IWEP/CASS)

**Supported by**

Institute of Digital Money, the People’s Bank of China

Chinese Academy of Information and Communications Technology

Digital Fiat Currency Institute

|  |
| --- |
| **Workshop on Standards for Digital Fiat Currency (DFC) for Universal Financial Access****12 October 2017** |
| 09:30 – 10:30 | **Welcome Address*** ITU/TSB
* eCurrency

**Keynote Address*** Basic Components of Digital Fiat Currency – Mr Yao Qian, Institute of Digital Money, the People’s Bank of China
 |
| 10:30 – 10:45 | **Coffee Break** |

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| --- | --- |
| 10:45 – 12:00 | **SESSION 1: Policy and Regulatory Landscape**The aim of this session is to explore the interoperability, policy and regulatory challenges facing stakeholders in the digital fiat currency ecosystem. The session will be a panel discussion and will provide an opportunity for different stakeholder groups to share their perspectives on the policy and regulatory challenges and possible measures for consideration at the international level. |
| 12:00 – 13:15 | **SESSION 2: Regional Spotlight: The Chinese Experience for Digital Financial Access**A dedicated session from experts, researchers and practitioners to share the success story of China’s mobile and digital financial service advances in the past few years. Hosted by the Chinese Academy of Social Sciences. |
| 13:15 – 14:15 | **Lunch** |
| 14:15 – 15:30 | **SESSION 3: DFC Application in Developed and Developing Economy**This session will discuss how DFC can have advantageous macro economic impact for developed economy, and can improve the compliance, interoperability as well as security of Digital Financial Services in developing countries.Panel Moderator“The DFC deployment race: who will deploy DFC first, developed economy or developing economy?” Mr Vijay Chugh, Former Chief General Manager of RBI. Panelist will be expert from countries that have started experimenting DFC as well as experts in DFC solution.  |
| 15:30 – 15:45 | **Coffee Break** |
| 15:45 – 17:00 | **SESSION 4: Security Issues in Digital Financial Services**This session will consider the main security issues facing central banks in digital fiat currency. The session will also discuss technical measures and standards that can be implemented to address these issues and to ensure the security of financial transactions. |
| 17:00 – 18:15 | **SESSION 5: Architecture of DFC for Interoperability**This session will discuss the reference architecture of DFC with respect to the issuance, distribution at the various levelsThis session will also discuss the various interfaces for DFC to be distributed over the existing financial and non-financial services. |
| 18:15 – 19:15 | **Networking Reception** |

**ANNEX 3**

**Draft Agenda for the FG DFC Meeting**

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| **13 October 2017** |
| 08:30 – 09:30 | **Registration**  |
| 09:30 – 10:30 | **Opening plenary session*** Welcome remarks
* ITU/TSB
* Focus Group Chairman
* Focus Group rules, mailing list and ITU IPR policy
* FG DFC Terms of Reference
 |
| 10:30 – 10:45 | **Coffee Break**  |
| 10:45 – 12:30 | **Focus Group structure** * Discussion on Focus Group structure
	+ Working Groups mapping to FG DFC terms of reference and deliverables
* FG DFC Management Team and Working Group leadership
* Briefing on Working Group meetings in the afternoon
 |
| 12:30 – 14:00 | **Lunch** |
| 14:00 – 16:00 | **Working Group Meetings (in parallel)** |
| 16:00 – 16:15 | **Coffee Break** |
| 16:15 – 17:30 | **Working Group Meetings (in parallel)** |
| 17:30 – 18:30 | **Closing** **Plenary*** Fireside Chat: A conversation with Klaus Loeber, Bank for International Settlements (BIS)
	+ An update on BIS/CPMI Digital Currency Working Group (BIS perspective) – Klaus Loeber, CPMI
* Closing panel: report-outs from Working Groups
 |

**ANNEX 4**

**FUNDING REQUEST FOR EXPERTS**

|  |  |  |
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|  | **ITU-T Focus Group Digital Currency including Digital Fiat Currency (FG DFC)****12-13 October 2017, Auditorium and Conference Room in CASS,****Beijing, China** |  |
| **Please return to:** | **ITU, Geneva (Switzerland)** | **E-mail :** **tsbfgdfc@itu.int** |
| **Request for funding to be submitted before 31 August 2017** |
| **Note: All fields on the form should be completed**Registration Confirmation ID No.: …….………………. (obtained after online registration)**Country:** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Name of the Administration/Organization/Company:** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Title (Mr / Ms) \_\_\_\_\_\_\_\_\_\_\_\_\_ (family name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****(given name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Tel.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****PASSPORT INFORMATION :****Date of birth: \_\_\_\_\_\_\_\_\_\_\_\_\_ Passport number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Nationality: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Valid until (date): \_\_\_\_\_\_\_\_\_\_\_\_\_ Date of issue: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Place issued: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Please state your competence and experience in digital currency or digital fiat currency implementation :** |
| **NOTE:** Applications for funding should be accompanied by a formal letter on your organization’s letterhead confirming your nomination to participate in the FG DFC meeting and a scanned copy of your passport. The letter should be signed by the Head of the organization and bear the official seal/stamp of the organization. Your application will be rejected if the letter confirming your nomination is not provided before the deadline.  |
| **Signature of candidate:** | **Date:** |

**ANNEX 5**

**LETTER OF INVITATION FOR VISA REQUEST**

**(Deadline for sending is 14 September 2017)**

*[Note: Visa approval might take time. Please send your request as soon as possible]*

Please use **CAPITAL** letters.

|  |  |
| --- | --- |
| Surname & first name(s): |   |
| Gender: |  |
| Position: |   |
| Organization: |   |
| Address: |  |
| Telephone: |  |
| Fax: |  |
| Nationality: |  |
| Passport number: |  |
| Date of issue: |  |
| Place of issue: |  |
| Date of expiry: |  |
| Country & city where you will obtain the visa: |  |
| Date of birth: |  |
| Place of birth: |  |
| Date of arrival: |  |
| Date of departure: |  |

***Please return this form together with a scanned copy of your national passport and
a copy of the ITU e-mail confirming your registration for the meeting to:******Huifang Tian, Institute of World Economics and Politics (IWEP), Chinese Academy of Social Sciences (CASS)***

**E-mail:**tianhf@cass.org.cn with CC to tsbfgdfc@itu.int
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