



**RELACIONES EXTERIORES**

SECRETARÍA DE RELACIONES EXTERIORES



**INSTITUTO  
MATÍAS  
ROMERO**

Ciudad de México, a 24 de enero de 2023

"2023, Año de Francisco Villa, El Revolucionario del Pueblo"

## **LA SECRETARÍA DE RELACIONES EXTERIORES**

## **POR MEDIO DEL INSTITUTO MATÍAS ROMERO**

CONVOCA

AL CURSO EN LÍNEA

### **ARTIFICIAL INTELLIGENCE: TECHNOLOGY, GOVERNANCE, AND POLICY FRAMEWORKS**

### **QUE IMPARTIRÁ DIPLOFOUNDATION**

**DEL 20 DE FEBRERO AL 28 DE ABRIL DE 2023**

(102 horas)

Este curso a distancia requiere comprometer diez horas de estudio a la semana. Las actividades de aprendizaje y de evaluación que las personas que participan deberán llevar a cabo se describen en el temario que aparece más abajo, en el inciso "Metodología" (*Methodology*).

Las personas participantes podrán solicitar la asistencia de quienes estén a cargo de la tutoría y el apoyo técnico de DiploFoundation.

#### **a) REQUISITOS DE ADMISIÓN**

- Buen desempeño en programas previos del IMR (no se aceptarán candidaturas de personas que tengan calificaciones reprobatorias en el último año) [\*]
- Inscripción exclusiva en este curso (no se aceptarán candidaturas de personas que estén cursando otro programa del IMR de manera simultánea, excepto los cursos de idiomas)
- Dominio del idioma inglés
- Acceso a una computadora con conexión a Internet
  - Sistema operativo: Windows XP, Vista, Windows 7 o superior, MacOS 10 o superior
  - Hardware: 2 GB o más de RAM



- Software:
  - [Adobe Acrobat Reader](#)
  - Microsoft Office, [Open Office](#) o [LibreOffice](#)
- Navegadores: Google Chrome (de preferencia), Internet Explorer 10 o superior, Microsoft Edge; Firefox
- JavaScript, Cookies y Pop-ups (elementos emergentes) deben estar habilitados
- Acceso a un dispositivo con acceso a Internet, iOS o Android

## b) PASOS A SEGUIR PARA SOLICITAR LA ADMISIÓN AL CURSO

### b.1) Registro en línea de la solicitud

Realizar el registro de su solicitud de inscripción en el formulario en línea. Para ingresar a él, haga clic [aquí](#) o copie y pegue la siguiente dirección electrónica en su navegador Google Chrome: <https://re.sre.gob.mx/registroimr/>

- Capture los datos que se solicitan en cada una de las secciones del formulario (Utilice la tecla <Tabulador> para desplazarse de un campo a otro del formulario).
- Escriba su **nombre completo**, tal como aparece en su pasaporte, empleando **mayúsculas y minúsculas**. En caso de tener algún problema para ingresar su nombre completo, utilice el campo Observaciones describiendo brevemente la problemática y nosotros haremos los cambios necesarios.
- Ingrese cuidadosamente su CURP. Recuerde que esa clave constituye el número de matrícula de cada participante. Si no cuenta con ella o no la recuerda, puede obtenerla en: <http://consultas.curp.gob.mx/CurpSP/>. A quienes no sean de nacionalidad mexicana y, por lo tanto, no cuenten con la CURP, se les asignará un número de matrícula interno).
- Haga clic en <Enviar> y espere hasta que se despliegue el mensaje: ¡REGISTRO EXITOSO!
- Haga clic en **<Aceptar>** para ver la confirmación de su registro y guarde el comprobante para futura referencia. Dicho comprobante contiene un **número de registro alfanumérico de 16 dígitos**, el cual será necesario para realizar el siguiente paso.
- Si durante el proceso se generara un error, capture la pantalla con ese mensaje, guárdela y póngase en contacto con nosotros al correo [jhuertal@sre.gob.mx](mailto:jhuertal@sre.gob.mx)

### b.2) Envío del correo autorización/compromiso

Una vez realizado el registro en línea, favor de enviar un correo electrónico a la siguiente dirección: [jhuertal@sre.gob.mx](mailto:jhuertal@sre.gob.mx) con copia visible a la persona titular





inmediata, en el cual se haga constar que cuenta con la autorización correspondiente. Para tal efecto, realizar lo siguiente:

- **Copie y pegue** todo el texto del formato adjunto “Correo autorización/compromiso” en un mensaje nuevo.
- Complete la información de los campos resaltados en amarillo, **sin** modificar el texto.
- **No olvide escribir el número de registro que le arrojó el formulario en el paso anterior.**
- Anote su nombre completo y el título del curso en el asunto del mensaje.
- Se considerará completa la solicitud de inscripción con el envío del correo electrónico, marcando copia a su jefa/e inmediata/o.
- **Le solicitamos atentamente NO marcar copia al correo oficial del Instituto Matías Romero.**

Consulte el “Aviso de privacidad” [aquí](#)

## b) CRITERIOS DE SELECCIÓN

Para este curso se tienen considerados hasta **6 (seis)** espacios disponibles. En caso de que el número de solicitudes entregadas a tiempo y en forma fuera mayor, el IMR aplicará los siguientes criterios para seleccionar a quienes participarán:

1. Desempeño de tareas vinculadas con el tema del curso
2. Pertenencia al Servicio Exterior Mexicano
3. Expediente (se dará prioridad a las candidaturas de personas que no hayan tenido calificaciones reprobatorias en los cursos del IMR)
4. Equidad en adscripciones (se pondrá un límite al número de personas participantes de una misma representación)
5. Equidad de oportunidades (se dará prioridad a las candidaturas de quienes hayan participado en menos de tres cursos del IMR)
6. Interés reiterado en participar en este programa en línea (se dará prioridad a las personas solicitantes cuyas candidaturas hayan sido rechazadas en imparticiones previas de este programa, si cumplen los criterios anteriores)

En caso de igualdad de condiciones, y como criterios adicionales, se considerará el orden de llegada de las solicitudes.

Conforme a sus posibilidades, el IMR podrá decidir ampliar el número de lugares disponibles, para permitir la participación de un mayor número de solicitantes idóneas(os).



## c) CALENDARIO

- Publicación de la convocatoria: **martes 24 de enero de 2023**
- Fecha límite de recepción de solicitudes: **jueves 9 de febrero de 2023, a las 13:00 hrs (hora del centro del país)**
- Publicación de la lista de personas aceptadas: **jueves 16 de febrero de 2023**
- Fecha de inicio del curso: **lunes 20 de febrero de 2023**
- Fecha de clausura del curso: **viernes 28 de abril de 2023**
- **En este programa no hay periodo de bajas voluntarias**

Todas las personas que aprueben este programa de estudio recibirán una constancia de participación que se expedirá única y exclusivamente con propósitos curriculares, para su desarrollo personal y profesional.

[\*] El periodo de un año de espera para quien repruebe un curso se cuenta a partir de la fecha de término del mismo.

[\*\*] Solamente se tomarán en cuenta las candidaturas de quienes completen su registro en línea en el formulario del Campus Virtual del IMR y envíen a la dirección indicada un correo que cumpla las características descritas en esta convocatoria y en el documento anexo.

### ***Artificial Intelligence:***

#### ***Technology, Governance, and Policy Frameworks***

#### **Course details**

**Artificial intelligence has moved from the realm of science fiction into our everyday lives. But what is it, exactly, and how does it change the socio-economic landscape? What is at stake for governments, businesses, and citizens?**

Artificial intelligence (AI) has developed significantly in recent years and is increasingly part of everyday life. Interactive voice assistants in our mobile phones, targeted online advertisement, autonomous cars, and autonomous weapons are some examples of the varied applications of AI in our societies. This course aims to provide in-depth knowledge that will enable participants to assess critically the consequences of AI and understand the opportunities and challenges it creates across a broad spectrum of areas, including the fields of policy and diplomacy. It provides an interdisciplinary coverage of the topic, encompassing technical, political, legal, economic, security, and ethical issues related to AI.

This course builds on the research and analysis conducted by Diplo's AI Lab.



By the end of the course, participants should be able to:

- Explain what AI is from both technical and policy perspectives, elaborating on practical, philosophical, and ethical aspects.
- Critically assess the impact of AI across several areas, including security, commerce and finance, human rights, decision-making, and job markets.
- Analyze the emerging processes for the governance of AI and the challenges related to the implementation of principles such as transparency, accountability, and explainability.
- Draft the key elements of a national or institutional AI strategy, encompassing overall goals, definition of strategic sectors for investment, an evaluation of the (national) regulatory environment, and guidelines for an ethical framework in the field of AI.
- Explain the potential need for regulation of AI and the different approaches that could be adopted (legal, technical standards, social norms, economic incentives).
- Map the relevant actors and forums for the discussion and governance of AI.
- Reflect on whether and how AI could be beneficially employed in their fields of work.
- Articulate a critical opinion on emerging issues, such as the impact of AI on the future of decision-making, and on democracy.

## Course outline

1. **Artificial intelligence: Application and geopolitical impact.** We discuss the introduction of AI in a variety of areas such as e-commerce, industrial production, transportation, finance, malicious and criminal activity, crime prevention, and education. We analyze the use of AI as a geopolitical asset and the leading role that some countries are taking in AI development.
2. **Terminology, historical and philosophical background, and technological basics.** Our explanation of the technical aspects of AI aims at a non-technical audience. We cover related topics such as deep learning and machine learning, neural networks, and deep learning. The interplay among AI, big data, and the Internet of Things (IoT) provides the backdrop for further discussions.
3. **Key players and forums.** AI is a fast-growing field, shaped by both public and private sectors. We identify the key actors and the main forums for discussion and policy development, to better understand the evolution of AI.
4. **Governance and regulation of AI.** Discussions tackle the development of national and international norms on AI. They also encompass norms produced by non-state actors and the relationship between AI code and governance.
5. **Socio-economic aspects of AI.** We consider the impact of AI on the future of jobs, and its use for social good and for achieving the sustainable development goals (SDGs). In addition, we address the consequences of the gap in access to digitalization and emerging technologies.



6. **AI and security.** We discuss the use of AI to enhance the effectiveness of cyber-attacks as well as to boost defense capabilities. We also analyze the use of AI by the military sector, focusing on discussions surrounding the use of AI-powered lethal autonomous weapons (LAWS), and the exploitation of vulnerabilities in AI systems.
7. **AI and human rights.** Some human rights and fundamental freedoms, such as privacy and personal data protection, the right to non-discrimination, freedom of expression, and due process, may be affected by the introduction of AI.
8. **The way forward.** This module zooms out and discusses philosophical, ethical, and practical questions that will become more prominent over the coming years and decades, including the future of decision-making, the transformation of democracy, human-machine interaction, and ways of addressing a potential AI singularity.

## Methodology

The Artificial Intelligence online course is based on a collaborative learning approach, involving a high level of interaction over a period of 10 weeks. Reading materials and the necessary tools for online interaction are provided in a virtual classroom.

Each week, participants study and discuss course materials and complete additional online activities.

At the end of the week, participants and lecturers meet to discuss the topic of the week. For successful completion, this course requires a minimum of 5 to 7 hours of study time per week.

Participants who successfully complete a certificate course receive a certificate issued by Diplo which can be printed or shared electronically via a permanent link. Participants who successfully complete an accredited course will receive 9 ECTS credits from the University of Malta.

## Lecturers

### Mr Lee Hibbard

**Administrator, Bioethics Unit, Council of Europe.**

Mr Lee Hibbard is a Senior Fellow at DiploFoundation. He is also an administrator in the Bioethics Unit of the Council of Europe, based in Strasbourg, France. For the last ten years, Lee has been responsible for developing European human rights norms on the challenges posed by the Internet, regarding freedom of expression, the public service value of the Internet, children's right to be forgotten, responsibilities of Internet companies, privacy, and other areas. Lee has also coordinated the Council of Europe's policy on Internet governance. This included the preparation of the organization's Internet Governance Strategies for 2016-2019, 2012-2015, and developing partnerships with Internet companies.





**Dr Katharina Höne**  
**Senior lecturer, researcher, and project manager.**

Dr Katharina (Kat) E Höne researches, writes, and teaches on several issues in the area of diplomacy, global governance, and the impact of technology on international relations. Over the last years, she has focused on research at the intersection of diplomacy and technology. She was part of a research project on Data Diplomacy: Updating diplomacy to the big data era and the lead researcher and author of Mapping the challenges and opportunities of artificial intelligence for the conduct of diplomacy report, both supported by the Ministry for Foreign of Affairs of Finland. In addition, she has more than 10 years of experience in teaching international relations at universities in the UK and Germany, and in delivering in-situ, blended, and online training to diplomatic practitioners. Kat holds an MA in Diplomatic Studies (University of Leicester, UK) and a PhD in International Politics (University of Aberystwyth, UK). In her work, she is driven by her aim to level the playing field at international negotiation tables through capacity development, and to provide out-of-the-box thinking and inspiration by drawing on her passion for science-fiction.

**Ms Marília Maciel**  
**Digital Policy Senior Researcher.**

Brazilian-born Ms Marília Maciel is currently based in Strasbourg, France. She is involved in several Internet- governance-related projects, notably on the fields of digital economy, e-commerce, and cybersecurity. She also curates the topics of e-commerce, Access, and Digital Divide for the GIP *Digital Watch Observatory* and represents Diplo at various meetings.

Prior to joining Diplo, Ms Marília Maciel was a researcher and coordinator of the Center for Technology and Society of the Getulio Vargas Foundation (CTS/FGV) in Rio de Janeiro. She served as a councilor at ICANN ´s Generic Names Supporting Organization (GNSO) representing the Non-Commercial Stakeholder Group (NCSSG). Marília is a former member of the Working Group on Improvements to the Internet Governance Forum (2011–2012), created under the auspices of the Commission on Science and Technology for Development (UN CSTD). She was also a member of the Multistakeholder Executive Committee of NETmundial and represented CTS/FGV in meetings of the Committee on Copyright and Related Rights (SCCR) of the World Intellectual Property Organization (WIPO). She served in the Consultative Chamber on Internet Security and Rights of the Brazilian Internet Steering Committee (CGI.br). Marília is a PhD candidate at the University of Bordeaux Montaigne, on Information and Communication Sciences. She holds an MA in Latin American Integration from the Federal University of Santa Maria (2008) and a law degree from the Federal



University of Pernambuco (2005), where she was awarded a research grant from the State of Pernambuco Research Foundation (FACEPE) to investigate issues related to taxation and electronic commerce.

## **Mr Martin Rauchbauer**

### **Consul of Austria in San Francisco and Co-Director at Open Austria.**

Mr Martin Rauchbauer is the Austrian Consul in San Francisco and Co-Director at Open Austria. Founded in 2016, Open Austria is the official Austrian government representation in Silicon Valley and helps entrepreneurs, innovators, academics, policy makers, and creative minds from this country to connect with the Bay Area. Recently, Open Austria has also engaged in tech diplomacy between Europe and Silicon Valley and has become an advocate for smart tech regulation across the globe. In 2018 Martin served as the local chair of the European Union in San Francisco. Before coming to San Francisco, Martin was Deputy Director of the Business Support Service and Head of the UNESCO unit at the Austrian Foreign Ministry in Vienna. Martin received his M.A. in International Relations and International Economics from the School of Advanced International Studies (SAIS) at the Johns Hopkins University in Bologna, Italy, and Washington.

## **Sorina Teleanu**

### **Independent consultant**

Ms Sorina Teleanu is an independent consultant with expertise in Internet governance and digital policy. She currently serves as the Chair of the Executive Committee of the South Eastern European Dialogue on Internet Governance (SEEDIG), a sub-regional initiative launched in 2015. She is also a member of the Multistakeholder Advisory Group (MAG) which provides advice to the UN Secretary-General on the programme and schedule of the Internet Governance Forum (IGF) meetings. Sorina previously worked with DiploFoundation as Digital Policy Senior Researcher, and with the Romanian Parliament, as advisor dealing with ICT-related legislation and policies. Between 2011 and 2016, she served as the alternate representative of the Romanian Government to ICANN's Governmental Advisory Committee. She has been a long-time volunteer to the IGF Secretariat and EuroDIG, and also worked as a fellow and consultant at the IGF Secretariat. Sorina is an alumna of DiploFoundation's [Internet Governance](#) Capacity Building Programme, ICANN's Fellowship Programme, the Internet Society's Next Generation Leadership programme, and the European Summer School on Internet Governance. Her educational background is in international relations and European studies, having received a bachelor and a master's degree from the Lucian Blaga University in Sibiu, Romania.

