UPM IMPACT in SDG17
Partnerships for the Goals
EELISA ACITIVITIES AROUND SDG17

Lecture series (E)U against CO2: "Let's Make Europe Better Together!"

Description

Seminario sobre diplomacia tecnológica dentro del curso de la Escuela Diplomática para nuevos diplomáticos.

Community	Tech Diplomacy & International Cooperation		
Coordinator	claudio.feijoo@upm.es	ECTS	
Kind of activity	Course / Seminar		
Principal SDG	SDG17 - Partnerships for the Goals	Others SDG	
Starting date	2021-01-01	Ending date	2021-12-31
Target group	master|bachelor	Teaching mode	In person
Link	https://community.eelisa.eu/activities/seminario-sobre-diplomacia-tecnologica/		

Call for participants to attend Be Circular Seminars: the role of businesses and goverments. Call for students of the Universidad Politécnica de Madrid

Description

The Certificate on Science and Tech Diplomacy offers a unique opportunity to become a specialist in the rapidly evolving field of science, technology and innovation diplomacy. It provides an interdisciplinary training on the relations between science and technology on one side, and diplomacy, policy-making, and global economy on the other side. The objective is to improve the participants' ability to elaborate synergic solutions to the benefit of their institution, academic or otherwise, their company, or to the general benefit of society. The overall aim is to bridge theory and practice and create a viable network of practitioners with skills on science and technology diplomacy that could address global challenges and function as an interdisciplinary think tank.

In this certificate, you will learn strategies and techniques to skill-fully deal with the interdisciplinary and intercultural demands of your work. Expert policy officials, negotiators and faculty together with professionals working in international organizations and non-governmental organizations, think tanks, multi-stakeholder initiatives and business, diplomatic missions and public administration will provide on line and hand-on in presence training.

The fee-based certificate program consists of 15 credits. Five of these credits are taken as module A, which is taught remotely as an on line course on FAU's digital learning platform. Ten credits are in a hands-on laboratory work on science and tech diplomacy (S&TDip Lab), a course that takes place at the FAU, chair of STGS in Erlangen, Germany.

The Science and Tech Diplomacy Certificate is the first formal educational program for diverse stakeholders in science and technology diplomacy in Germany. We seek partnership with the Federal Ministry of Foreign Affairs and major corporations in the area. Here we will need the support of the presidium. As a university we offer an unused reservoir of intellectual capacity that has the potential to become the next generation of German science diplomats and science policy advisors.

ECTS: 6-10

Community	Tech Diplomacy & International Cooperation		
Coordinator	claudio.feijoo@upm.es	ECTS	6
Kind of activity	Course / Seminar		
Principal SDG	SDG17 - Partnerships for the Goals	Others SDG	
Starting date	2021-01-01	Ending date	2021-12-31
Target group	master|bachelor	Teaching mode	Blended
Link	https://community.eelisa.eu/activities/course-certified-on-tech-diplomacy-2/		

The International Workshop on Artificial Intelligence in Medicine &Healthcare

Description

AI is already changing the face of conflict dynamics. As regards security and defence —including the management of insurgencies and organized non-state actors—, AI technology can alter the costs of conflict, accelerate the operational tempo and raise the risk of escalation, increase the perceived risks of surprise attacks, enhance access to intelligence among warring parties, and shift public opinion about involvement in (armed) conflicts. It also brings new stakeholders into the crisis management process. For example, technology companies have the technical expertise required to apply AI methodologies in pre-conflict, conflict or post-conflict monitoring. Additionally, authoritarian states where data collection restrictions are laxer will have more access to consistent big data and be able to take better advantage than non-state actors of AI in warfare.

Therefore, new conflicts may arise about who has control over online data collection and access. Non-authoritarian organizations, like the EU, may even be tempted to adopt such undemocratic methods. Therefore, the question of how to safeguard democracies from totalitarian approaches to tech governance is another key issue.

AI changes the conditions of information flow, which has major implications for conflict dynamics. A party to a conflict may apply AI tools to uncover information about the other party to which it would not otherwise have access. This could help redress the asymmetricity of information, which is central to mediation in conflicts where actors have imperfect information about the other party's culture, resources and resolve. Increased transparency can then help to build trust between parties. Mediators should, therefore, form an accurate picture of what and how much information is available to the parties to the conflict, as well as whether they are applying AI-based tools to access intelligence.

Awareness of the influence of AI-based tools on conflict dynamics can help peace-building practitioners to identify the changing political resolve of the parties to a conflict to engage in peace negotiations, address key issues of peace agreements and help design implementable agreements that appease security concerns.

This event: AI for Tech Diplomacy and Conflict Resolution

Apart from the impact of AI on conflict dynamics per se, peace practitioners are increasingly coming around to the idea that AI may be a useful tool to improve their peace-building efficiency.

This event will explore how AI, an evolving collection of information management technologies, is changing the space where (armed) conflict takes place and the form, means, and timing of responses to such disputes. Through the use of computer programs that analyse huge amounts

of data to discover knowledge in the shape of patterns, AI can generate scenarios to predict and/or clarify human behaviour. This potential is already being harnessed by enterprises to manage corporations and shape markets, but it also has applications in other spheres, where it can be used to gain political influence, conduct psychological warfare or for population control. However, it could be equally useful for averting, pre-empting or reshaping conflicts.

AI-based technologies raise ethical and pragmatic concerns whose impact on disputes and conflict resolution has serious implications for peacemakers and mediation scholars. Peace practitioners need to take a proactive rather than a reactive stance on AI and develop a comprehensive and strategic understanding of what role AI can play in peace-building. They need to explore ethical, constructive and transparent AI applications and identify the possible downsides of these methods.

Rather than substituting human-to-human interaction, AI technologies are tools that help human negotiators effectively apply human skills. Their success will depend on the mediation practitioner's ability to gain the consent and trust of the parties at conflict. Mediators should also weigh up the impact of AI

Community	Tech Diplomacy & International Cooperation		
Coordinator	claudio.feijoo@upm.es	ECTS	
Kind of activity	Workshop		
Principal SDG	SDG17 - Partnerships for the Goals	Others SDG	
Starting date	2021-06-18	Ending date	2021-06-19
Target group	all	Teaching mode	In person
Link	https://community.eelisa.eu/activities/workshop-the-tao-of-artificial-intelligence-tech-diplomacy-and-conflict-resolution/		

SSoLDAC- 3rd Summer School of Linked Data in Architecture and Construction

Description

POST WORKSHOP II: PARTNERSHIPS IN PRACTICE

Date: March 09 - 10, 2023Venue: ItdUPM Madrid (with Hybrid Open Sessions)

Introduction and overview

During the first POST workshop in Florence, we discussed a number of theoretical perspectives and had a first exchange among group members to share our understanding of partnerships in different contexts, key foundational elements, key success factors and main challenges involved.

During the second workshop in Madrid, we will consolidate and enlarge our conceptual base by adopting a practical and context-sensitive approach. During day 1, we propose an initial practical workshop facilitated by partnership experts. After a reflection on the different meanings and configurations of partnerships and the importance of the context, the workshop will be devoted to unfolding the concept of "Partnership's lifecycle", a well-known framework in the frontier between practice and academia.

Day 2 will be the opportunity for reaching out, exchanging experiences around a selection of real cases, and enlarging our academic network. Suggestions for case studies include several partnerships from the ItdUPM, FAU, and SNS networks. We suggest enlarging this empirical base by including other case studies in different contexts suggested by POST partners.

The Madrid Workshop includes Hybrid Sessions open to the public with Zoom registration:

Day 1 | Thursday 9th March 2023

S0: Internal meeting (Closed Event)S1: Welcome to itdUPM (Carlos Mataix, Director of itdUPM) | Meeting with Sofía d'Aguiar (EELISA Executive Director) | (Closed Event)S2: Open session (hybrid) "Partnerships in context: an approach to transformation"Time: 14:30 - 15:30Where: itdUPM (map) and Zoom (registration)

Guest speakers: Leda Stott (European Commission), Dr. Markus Krajewski (FAU), Dr Markus Beckmann (FAU)Introduction and moderation: Javier Mazorra, Teresa Sánchez, Fiorenzo Polito

S3: Workshop "Partnership's lifecycle" | Facilitated by Leda Stott and Javier Mazorra | (Closed Event)

Day 2 | Friday 10th March

S4: Open Session-hybrid (round table): "Partnerships between theory and practice"Time: 9:45 - 11:45Where: itdUPM (map) and Zoom (registration)

Guest speakers (TBC):

Gabriella Doci (KTH – Viable Cities): Transitions management and creation of transition arenas.

Valery Pueyo (Université de Lyon- Urban Intelligence Laboratory)

Miguel Soberón (ItdUPM): Ecologies of intermediaries and El Día Después

Bruna Singh (FAU- International Doctorate Program - Business and Human Rights): Multistakeholder Partnerships: A Valuable Tool for Enhancing Leverage in Business and Human Rights

Nelson Okeyo (FAU- International Doctorate Program - Business and Human Rights): ICT Partnerships in Africa, Legitimacy and The Way Forward

Laura Mendoza Sandoval (Scuola Normale Superiore)

S5: Final debrief-Preparation for the Nüremberg Spring School | (Closed Event)

For more information, please contact:Dr Teresa Sánchez Email: teresa.sanchez@upm.es

ABOUT POST

The Partnerships Orchestrating Sustainability Transformations (POST) is a collaboration between Scuola Normale Superiore, FAU Erlangen-Nürnberg, and Universidad Politécnica de Madrid, funded by EELISA European University.

Sustainability challenges are complex, wicked and transboundary in nature. Responding to them effectively requires the involvement and cooperation of different stakeholders - private companies, international organizations, civil society groups, academia, government bodies and local communities. UN SDG 17 – Partnerships for the Goals – calls for strengthening the means of implementation and revitalizing the global partnership for sustainable development. Specifically, Goal 17.17 sharpens the focus on the promotion of effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships and understanding such partnerships as a place of mutual learning processes to accelerate sustainable development. POST is dedicated to understanding cross-sector partnerships for sustainability transformations through exploring its meaning, dimensions, context and nature in Europe, Asia, Latin America and Africa through interdisciplinary research, exchange and collaboration.

POST proposes to organize 4 distinct activities between September 2022 – April 2023:

Project initiation session (Online; Led by FAU)

Workshop 1 & Research visit (Hybrid; Led by Scuola Normale Superiore in Florence)

Workshop 2 & Research visit (Hybrid; Led by Universidad Politécnica de Madrid in Madrid)

Spring School (in-person; Led by FAU in Nürnberg)

Community	The CIRCULAR and REGENERATIVE CAMPUS (EELISA CRC Community)		
Coordinator	teresa.sanchez@upm.es	ECTS	
Kind of activity	Workshop		
Principal SDG	SDG17 - Partnerships for the Goals	Others SDG	
Starting date	2023-03-09	Ending date	2023-03-10
Target group	master|phd|researcher|educator|business|society	Teaching mode	Hybrid
Link	https://community.eelisa.eu/activities/post-workshop-ii-partnerships-in-practice/		

Storytelling Workshop with Karl Rabes (PhD) in the innovation context

Description

Highlights to learn and teach about seismic retrofit following the Turkey and Syria 2023 earthquake with the aid of AI features.

🗓 6 and 7 July, 2023.⏲ Time: 9:30h to 13:30h (CEST).📍 Format: Hybrid.Online: Zoom.Face-to-face: ETS Ingenieros de Caminos, Canales y Puertos (UPM).Free Registration: https://lnkd.in/dPPQ-7VfMore information: https://caminos.upm.es/international-workshop-hi-quake/

The main objective of this workshop is to gain insight into the causes and consequences of the Turkey and Syria 2023 earthquake to be learned and taught in our universities. The strategy involves applying both an interdisciplinary approach and Artificial Intelligence (AI) features (SDG 17). The workshop is co-headed by ITU (Istanbul) and Universidad Politécnica de Madrid teams. Other participating institutions are the @Universidad Autónoma de México (UNAM) and the Instituto Tecnológico de Monterrey (TEC, Mexico).This challenge encompasses a variety of tasks: 1) Collecting relevant information on DAMAGE and FAILURE PATTERNS.2) Improving knowledge about damages on buildings and infrastructure.3) Analyzing the technical, societal and economic features derived from this earthquake, with the aim of elaborating a set of recommendations on seismic provisions and retrofit measures for the future.

Join us in contributing to a safer and a more sustainable future! We invite academics, researchers, companies and other interested parties to participate in this workshop and contribute their knowledge and experiences. Together we can drive research, innovation, and collaboration towards more sustainable construction practices.

Community	Circular EELISA Community		
Coordinator	hiquake@proton.me	ECTS	
Kind of activity	Workshop		
Principal SDG	SDG17 - Partnerships for the Goals	Others SDG	
Starting date	2023-07-06	Ending date	2023-07-07
Target group	master|phd|researcher|all	Teaching mode	Blended
Link	https://community.eelisa.eu/activities/international-workshop-hi-quake/		

ECLIRE- The Ethics of Climate Change: Reshaping Responsibilities for Present and Future Generations- Winter School in Pisa

Description

This activity consists of the deployment of an instance of the MIT Colab platform customized to be used by the members of the SGC Neighbourhood proto-community to share their experiences. In addition, the platform provides facilities to enrol professors, students and external organizations to work together in the proposed activities and projects.

UPM professors and the student involved in the development.

There are two deliverables:

The website

Guidelines to use the platform

Community	Designing a Sustainable and Decarbonized University (DISCOVERY)		
Coordinator	agustin.yague@upm.es	ECTS	
Kind of activity	Course / Seminar		
Principal SDG	SDG17 - Partnerships for the Goals	Others SDG	SDG 4 - Quality Education
Starting date	2021-01-01	Ending date	2021-12-31
Target group	master|bachelor	Teaching mode	Asynchronous remote
Link	https://community.eelisa.eu/activities/sgc-colab/		

XV Emerson- Pneumobile international academic competition

Description

The learning method is conditioned to the destinations and organizations involved in the process, being specific for each objective to be achieved.

Deliverables: Technical and personal training of students, including values and ethics.

Assessment: Assessment by tutors at destination according to aptitude and attitude.

Community	Tech Diplomacy & International Cooperation		
Coordinator	virginia.diaz@upm.es	ECTS	
Kind of activity	Course / Seminar		
Principal SDG	SDG17 - Partnerships for the Goals	Others SDG	SDG 4 - Quality Education
Starting date	2021-01-01	Ending date	2021-12-31
Target group	all	Teaching mode	In person
Link	https://community.eelisa.eu/activities/volunteer-program-of-the-universities-of-madrid/		