

GLOBAL

FUTURES

LITERACY

Catalogue of
Learning-by-doing Labs

UNESCO Headquarters
16 December, 2019

DESIGN

FORUM



United Nations
Educational, Scientific and
Cultural Organization

| | When | 10:30 | 11:00 | 11:30 | 12:00 | 12:30 | 13:00 | 13:30 | Lunch | 14:30 | 15:00 | 15:30 | 16:00 | 16:30 | |
|--------------|--------------|--|-------|--------------------------------|-------|-------|-------|-------|-------|-------|---|-------|-------|-------|------|
| | Where | | | | | | | | | | | | | | |
| Ground Floor | Room III | Imagining the Role of Gender in Future Societies | | | | | | | | | | | | | P.28 |
| | Room IV | Future(s) of Work 2050 in Europe | | | | | | P.18 | | | Economic Futures | | | | P.30 |
| | | Creating Sustainable Value in Business & Finance | | | | | | P.17 | | | Gaming the Future of Migration & Climate Change | | | | P.5 |
| | | Narrative Foresight | | | | | | P.22 | | | Vision 2040 | | | | P.12 |
| | Room V | Storylistening | | | | P.13 | | | | | Imagine AI with Collaborative Storytelling | | | | P.14 |
| | Hall Ségur | | | Imagining the Suburbs of Turfu | | | | P.10 | | | SABLAB | | | | P.32 |
| | | | | Imagine Moon Runnings | | | | P.11 | | | Deep Time Photography | | | | P.8 |
| Floor -1 | Room VII | Creating Ownership through Futures Narratives | | | | | | P.31 | | | The Future of Finnish Education | | | | P.16 |
| | VIII Bis | New Divination Techniques for Generating Alternative Futures | | | | P.21 | | | | | Poetry as a Method for Futures Literacy | | | | P.19 |
| | Room A Left | Constructing Anticipatory Ethics | | | | | | P.9 | | | Jobs from the Future | | | | P.24 |
| | Room A Right | Living in the World's Next Megacities | | | | P.23 | | | | | Gaming the Future of Power Relations Between Citizens & Governments | | | | P.6 |
| | The Mall | Playing with Theatre Tools to Foment Futures Literacy | | | | | | P.20 | | | Futures of Learning, Futures for the University | | | | P.29 |
| Floor 4 | 4.002 | Making the Future | | | | | | P.27 | | | | | | | |
| | 4.021 | Transforming Governance: Anticipation | | | | | | P.15 | | | Imagining the Future of Physical, Psychological, and Philosophical Health | | | | P.7 |
| Floor 5 | 5.002 | Utopia Starts with U! | | | | | | P.25 | | | Energy, or Energies of the Future? | | | | P.26 |

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| 17:00–18:30, Room IV Plenary: Global Experiences of Futures Literacy | 18:30–21:00, Hall Ségur Bringing the Future to Life |
|---|--|

The Global Futures Literacy Design Forum on 16 December 2019 in Paris will be an opportunity to experience what it means to improve your capacity to use-the-future.

The general public is invited to work with leading Futures Literacy (FL) practitioners, designers, facilitators, teachers and researchers from around the world.

Participants in the Forum will learn-by-doing, taking active part in specially designed collective intelligence laboratories. These labs do not require any prior knowledge of Futures Literacy, only a willingness to unleash your imagination and share your thoughts with others.

Labs are places to experiment. In this case participants get to experiment with different reasons, tools and contexts for imagining the future. The Forum will offer 28 different labs that provide participants the opportunity to experience the diversity of human anticipatory systems and processes. In these labs you will be invited to imagine the futures of a range of topics including: philosophy, education, social transformations, mobility, ethics, gender, cities, and more.

UNESCO
CURATORIAL TEAM

Riel Miller
Eleonora Di Pilato
Kwamou Eva Feukeu
Christine Kavazanjian
April Ward

CURATORIAL
COORDINATORS

Stefan Bergheim
Roumiana Gotseva
Jonathon Keats

Imagination and Creativity: Gaming the Future of Migration and Climate Change

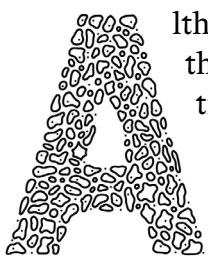
CURATED BY

Stuart Candy
Carnegie Mellon
School of Design

John Sweeney
Qazaq Research
Institute for Futures
Studies (QRIFS)

Anisah Abdullah
Strathclyde
Business School

Daniel Riveong
Futures Centre



Although humans are not the only species that play, games and simulations are essential parts of how we become human. As proven tools for fostering futures literacy, play-based approaches offer an experiential means of enacting anticipation and engaging with uncertainty. This session centers on “using the future” via two gaming approaches with a focus on exploring migration and climate change. Following a brief introductory presentation that looks at the intersection of futures literacy and gaming, participants will play “The Thing from the Future”, which is an “an award-winning imagination game that challenges players to collaboratively and competitively describe objects from a range of alternative futures.” Next, participants will prototype the Participatory Futures game, which is based on a global horizon scan of cases and frameworks developed as part of a “user guide” for participatory futures. In the lead up to this session, participants are highly encouraged to consult the “Anticipatory Games and Simulations” chapter from the Handbook of Anticipation.

⌚ 2 hours

Ground Floor, Room IV
14:30–16:30

Imagination and Creativity: Gaming the Future of Power Relations between Citizens & Governments

CURATED BY

Fabiana Scapolo

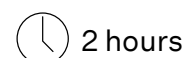
European Commission
General Joint Research
Centre (JRC)

Lucia Vesnic Alujevic

European Commission
General Joint Research
Centre (JRC)


Cristiano Cagnin

European Commission
General Joint Research
Centre (JRC)



2 hours

Floor -1, Room A Right
14:30–16:30

he FuturGov game uses people's anticipatory assumptions about what the future may look like to generate conversations, negotiations and collaborations. By designing a process through which participants immerse themselves in the future, take on roles that are not theirs, and strategize to achieve their goals, the FuturGov game generates a participatory setting in which a debate can take place. Immerse yourself in the future with the FuturGov game. New policies for the future will be discussed and power relations revealed. Your goal is to be the most influential player of the game in reaching your objective by interacting and collaborating with other actors. Prepare your negotiation and debating skills, and put on your strategic thinking cap!

Imagining the Future of Physical, Psychological, and Philosophical Health

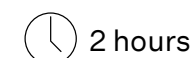
CURATED BY

Luis de Miranda

Örebro University



iven the current state of the world and the feeling that modern institutions, paradigms and subjectivities are becoming obsolete, it is time for a creative tabula rasa to deal with growing pathologies of free will, polarisations and lack of faith in the future. Let's imagine together the future of physical, psychological and philosophical health! For Nietzsche, philosophical health or "great health" was about our connection to an overflowing abundance (of life, of cosmos, of love, of creation), cheerfulness and laughter, living experimentally, and forgetting. There seems to be today an affinity between philosophical health and neurodiversity, a concept where neurological differences are to be recognised and respected, not as diseases but as variations, transmutations perhaps, possibilities for being otherwise, other forms of health potentially, albeit apparently unadapted to our current standards and norms. This participatory workshop will demonstrate the power of collective intelligence as a healthy way to manifest possible futures. Participants will feel and experience that knowledge, like the future, is not an object to be used as a commodity but a flow of intentions and anticipations in constant becoming, necessitating an attitude of care, dialogue, joy and vigilance in the present. Participants will become aware that they should avoid using the future as a predictable pattern only, and reflect on their deep desire, their ideals, their destiny in light of the collective destiny and political and existential interdependency of their fellow citizens.



2 hours

Floor 4, Room 4.021
14:30–16:30

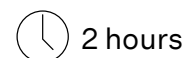
Deep Time Photography

CURATED BY

Jonathon Keats
Experimental
Philosopher & Artist



reate a camera to document the next 100 years in a single photograph. The Century Camera Project transforms old 35mm cameras and ordinary metal canisters into photographic time capsules that will expose the world we make to future generations - and give us a long-term perspective on our actions so that we might make more responsible decisions today. No photographic or mechanical skills are needed to participate in this workshop. The workshop will be conducted under the guidance of experimental philosopher and artist Jonathon Keats, who has previously made cameras with exposure times as long as 1000 years.



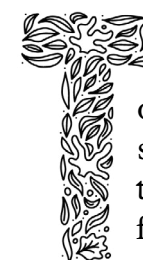
Ground Floor, Hall Ségur
14:30–16:30

Constructing Anticipatory Ethics: A Framework for Responsible Foresight as a Capacity in Literacy for the Future

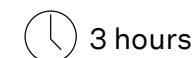
CURATED BY

Ted Fuller
University of Lincoln,
UNESCO Chair on
Responsible Foresight
for Sustainable
Development

Fabrice Roubelat
University of Poitiers,
UNESCO Chair in Futures
Studies and International
Strategic Intelligence



he objective of this workshop is to generate a range of topics, themes and perspectives on ethics and responsibility in processes and systems of anticipation and prospective reflection. Such a set of ideas will then form the basis for further specification and development. The co-laboratory will be a process of knowledge acquisition by participants on different themes and issues. This will be followed by the establishment, based on these themes, of broader concepts and a description of how to approach them in the design and implementation of future projects and in future education. It should lead to a greater awareness of the causal power of anticipation and its ethical implications for anyone considered literate in thinking about the future.



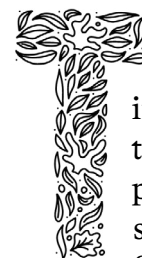
Floor -1, Room A Left
10:30–13:30

Imagining the suburbs of Turfu*


CURATED BY

Makan Fofana
Hypercube

Sandra Coulibaly Leroy
Organisation internationale
de la Francophonie (OIF)

he workshop is divided into three stages. The first aims to probe and collect participants' imagination to create an overview of the collective unconscious on the suburbs (collection and printing of visuals on the Internet). The second step is an inspirational phase that challenges the first step by confronting it with our collection of stories, images and vocabularies outside the frame. The third step pulls the threads of the two previous steps to open new "lignes de fuite" (Deleuze), new perspectives (writing stories and collecting and printing illustrations). The workshop ends with a collective discussion and then a conclusion by the facilitator.

**Turfu is Verlan for 'Future'*

 2 hours


Ground Floor, Hall Ségur
11:30–13:30


Imagine Moon Runnings: Stories that Explore How we Share Space 2030 & Beyond

CURATED BY

Claire Nelson
The Futures Forum

Tom Wambeke
International Training
Centre of the ILO

he goal of this Lab is to explore how Futures Storytelling and audience engagement approaches might be used to advance challenging conversations about complex global issues and identify futures that might inform policy making or design. It will explore how governments can use nontraditional approaches such as futures story-telling and Improv games to develop futures literacy especially around issues (strategies, policies and programs) that require global agreement. The primary takeaway from this session will be an improved understanding of how participatory storytelling can be used in many different contexts.

 2 hours

Ground Floor, Hall Ségur
11:30–13:30

Vision 2040: What Global Governance for a Multipolar Internet-based World? A co-creative exercise

CURATED BY

Marie-Hélène Caillol
IFAEE | French and
German Institute in
European Studies



ultipolar-related geopolitical tensions, environmental emergency, and social unrest worldwide are the most obvious of common global issues calling for a renovation of global governance. Technological tools exist today to connect the institutional world on a decentralised-basis. The financial and monetary planet is about to start showing a way forward with their discussions of blockchain-based international currency backed by central bank digital currencies. Global consumers are citizens of the world required to contribute to the reflection on tomorrow's governance serving a functional, peaceful and democratic world. LEAP/IN-SEEC proposes a trans-generational co-creative exercise on this topic.

🕒 2 hours

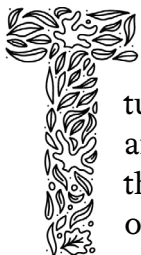
Ground Floor, Room IV
14:30–16:30

Storylistening

CURATED BY

Sarah Dillon
University of Cambridge

Claire Craig CBE
Queen's College,
University of Oxford



his session will bring together participants in a collective activity of storylistening. Futures literacy activities often generate futures, and thereby reveal anticipatory assumptions, through collective storytelling (or other forms of collective imagining). This session demonstrates the value to be gained from collective storylistening – that is the activity of listening to and analysing a pre-existing story. Participants will experience storylistening as a collective intelligence and knowledge creation activity that, when engaged with a speculative narrative, develops participants' futures literacy. This storylistening session will be structured in two parts: the first will be a collective listening to an oral delivery of Ursula Le Guin's short story, *'The Ones Who Walk Away From Omelas'*; the second part will involve an expert-curated group discussion and analysis of the story which will enhance anticipatory thinking with regard to questions the story raises around forms of governance, the morality of economic models, justifications of utilitarianism, and, the imaginative (in)ability to countenance alternatives to the status quo.

🕒 2 hours

Ground Floor, Room V
10:30–12:30

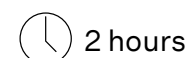
Imagine AI with Collaborative Storytelling

CURATED BY

Olivia Belton
University of Cambridge



In this session, we will be playing a collaborative storytelling game designed to enable people to creatively imagine future technology. The topic is particularly focused around imagining near-future implementations of artificial intelligence. Participants will be asked to get into groups of 4-5 people and create a science fiction prototype of a future application of AI. They will be prompted with several different industrial and government sectors where a new technology might make a significant impact: for instance, healthcare, transport, or creative sectors. Participants will then be asked to play a game based on their prototype. This exercise is a simplified version of the collaborative storytelling game Microscope. Together, 4-5 players decide on how they want their story to begin and end, and write down a brief description of these events on index cards. Then, they each take turns contributing an event to this narrative. They can add events non-linearly, and the focus can be as big or as small as they want. After playing 2-3 rounds, the participants will share their story with the group at large.



2 hours

Ground Floor, Room V
14:30–16:30

Transforming Governance: Anticipation

CURATED BY

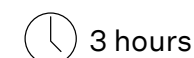
Tanja Hichert
University of Stellenbosch,
Hichert & Associates

Lydia Garrido Luzardo
South American
Institute for Resilience
and Sustainability
Studies (SARAS),
UNESCO Chair in
Futures Literacy for
Resilience and
Sustainability

Roberto Poli
University of Trento,
UNESCO Chair in
Anticipatory Systems



Participants will reflect on and experiment with different uses of the future related to: (i) decision-making; (ii) opening up opportunities in the present and transformative processes; and (iii) strengthening futures literacy. They will explore and share their perspectives about futures of governance, governance in the future and anticipatory governance. A collective knowledge creation process allows participants to explore different contexts, methods and reasons to use the future. Participants will be crafting novel, imaginary futures, using 'seeds' of anticipatory governance, which are 'pockets of the future already existing in the present', changing anticipatory assumptions, and discovering and sensing new logics and alternatives 'here and now' for collective choice, decision-making and transformative process.



3 hours


Floor 4, Room 4.021
10:30–13:30


The Future of Finnish Education

CURATED BY

Laura Pouru
University of Turku

Markku Wilenius
University of Turku,
UNESCO Chair in
Learning Society and
Futures of Education

he session will present the Finnish approach of integrating futures literacy into upper secondary education and facilitate discussion on ways and approaches to enhance the role of futures literacy in education globally. The session is organized by the UNESCO Chair in Learning Society and Futures of Education at Finland Futures Research Centre at University of Turku.

 2 hours

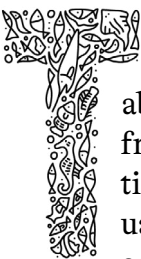
Floor -1, Room VII
14:30–16:30


Creating Sustainable Value in Business & Finance

CURATED BY

Martin Calnan
École des Ponts
Business School

Martin A Ciesielski
the school of nothing

his lab aims to explore how futures literacy can contribute to creating long-term, sustainable value for businesses, with the help of actors from the financial sector. Based on the realisation that the current understanding and evaluation of value, largely limited by our current anticipatory assumptions, will not be enough to face the global challenges before us, as individuals, businesses and society, we aim to address some of the following questions: In a knowledge- and use-based society, how will the definition of property evolve? And how do we account for it? In an experience-based society, what constitutes an asset? How do we evaluate assets such as trust, wellbeing, social and environmental impact, which are not only intangible but heterarchical? How can we use monetary, highly fictional expectations to redirect focus to the planet's boundaries and realities? How do we value/evaluate them? How will the definition of money evolve in the future? And how does our monetary system impact and address the critical environmental issues we are facing?

 3 hours

Ground Floor, Room IV
10:30–13:30

“What future-s of work? Identifying the plurality of foresight approaches and their impacts on future-building: a case-study”

Future(s) of work 2050 in Europe: a case-study


CURATED BY

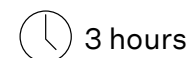
François de Jouvenel
Futuribles International

Cécile de Saunay
Futuribles International

Daniel Kaplan
Plurality University
Network

Marie Ségur
Futuribles International

uture(s) of work in the next 30 years at a European-level appears as a relevant case-study for such an investigation, as it is, at the same time, a political, economic, technical and sociological matter, which, therefore, is the source of multiple discourses. It is also a fashionable topic, thus offering a wide variety of examples of futures-oriented works and theses: from the kingdom of robots to the renewal of traditional craftsmanship to über-Uberization... What are the phenomena considered to be the most impactful on the future of work and why? Why are some trends, like the impact of automation, more controversial than others? Who is talking about the future of work, with what tools and why? Here are some of the questions the workshop will aim to tackle. This will encourage participants to take a step back and analyse foresight methodologies and discourses as socio-cultural artefacts.



3 hours

Ground Floor, Room IV
10:30–13:30

Poetry as a Method for Futures Literacy: Verses of Long-termism

CURATED BY

Nick Balcom Raleigh
Finland Futures
Research Centre

Amos Taylor
Finland Futures
Research Centre

Essi Silvonen
Bastu, Finland Futures
Research Centre

Anna Sacio-Szymańska
Łukasiewicz Research
Network – Institute for
Sustainable Technologies

Noora Vähäkari
Finland Futures
Research Centre

Solveig Zophoniasdottir
Climate-KIC



n our changing world, one may ask if there is the need (or even a use) for poetry in response to the challenges we face? The premise for this lab is yes, there is a need and use for poetry. We recognize the limitations of scientific disciplines in dealing with the complexity of the global problematique - and specifically with the limitations of the human mind, or language, in comprehending and encompassing complexity. The workshop, organized by the FLxDeep initiative funded by EIT Climate KIC, will serve as a demonstration of an innovative poetry-based way to foster reflection in a futures literacy lab. After a short discussion of how long-termism – taking long-term impacts into account when acting in the present – could direct greater resources toward climate action, participants will write poems, share their work, and discuss the insights they’ve produced. By applying poetry as a participatory method, the conversation will be situated in the lived experiences and meaning-making of the individual writers, enabling co-equal conversations among the workshop organisers (researchers), subject-matter experts, and non-experts. The intention is to discover new potential for how long-termism as a theme and poetry as a method can be integrated into processes that support personal and collective futures literacy.



2 hours

Floor -1, Room VIII Bis
14:30–16:30


Playing with Theatre Tools to Foment Futures Literacy


CURATED BY

Pedro de Senna
Middlesex University
London

Irianna Lianaki-Dedouli
University of Turku

*Epaminondas
Christophilopoulos*
FORTH, UNESCO
Chair on Futures Research

ools from the arsenal of the Theatre of the Oppressed, such as Forum Theatre and Image Theatre, will be used to help participants develop Futures Literacy. Through Image Theatre techniques, anticipatory assumptions will not only be revealed but also embodied and made 'real'; Forum Theatre techniques will be used to challenge and reframe the anticipatory assumptions revealed in the first phase; and Rainbow of Desire approaches will be used as a means of fostering reflection. The session aims: [a] to help participants bridge the 'experiential gulf' between abstract notions of possible futures and everyday experience (Candy, 2010), [b] to encourage somatic modes of perception and expression by de-naturalising everyday somatic behaviours and releasing creativity to enable the emergence of different, non-logocentric ways of imagining and reflecting. The latter, in turn would: [c] facilitate futures literacy workshops/labs with multi-cultural groups, who may not necessarily share a spoken language, and; [d] be fun!

 3 hours

Floor -1, The Mall
10:30–13:30

New Divination Techniques for Generating Alternative Futures


CURATED BY

Jonathon Keats
Experimental
Philosopher & Artist

Stuart Candy
Carnegie Mellon
School of Design



ne of the greatest human foibles is our ability to find patterns in just about anything, imagining that random phenomena carry meaning. Might that trait, technically known as apophenia, also be one of our greatest gifts? In this experimental workshop – prototyped especially for this occasion by conceptual artist Jonathon Keats and experiential futurist Stuart Candy – participants are invited to re-visit ancient modes of divination and also to devise some new ones. Simultaneously playing with and against tradition, our aim will not be convergence and prediction, but to generate new and diverse possibilities for action by collectively exploring and exploiting some of our most powerful psychological quirks.

 2 hours

Floor -1, Room VIII Bis
10:30–12:30

Narrative Foresight: The Transformational Power of Story

CURATED BY

Anita Sykes-Kelleher
Centre for
Australian Foresight

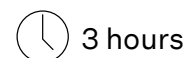
Anisah Abdullah
Strathclyde
Business School

Kewulay Kamara
Badenya

Pupul Bisht
Ontario College
of Art & Design



his lab will explore examples of how we are using the future in our work in different countries. Participants in this lab will co-create stories of futures taking into account the influence of music, myths and different perceptions of time. Working with poetry, theatre and music, participants will co-create multiple forms of expression. Games and performances will demonstrate how to combine collective intelligence with anticipation in ways that speak to how governments can engage citizens in co-creating perception and action.



3 hours

Ground Floor, Room IV
10:30–13:30

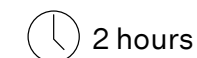
Living in the world's next megacities: Which educations for which communities? Which communities for which educations?

CURATED BY

Yanick Kemayou
University Paris-Sorbonne,
Kabakoo – The House
of Wondering



y the end of the century, five of the ten world's most populated cities will be in Africa. The challenge about urbanization is less about how to (try to) stop it, than about finding resilient and sustainable alternatives to today's habits of mind and heart. This is the challenge in and for Africa and its people and beyond: to imagine, inspire and realize a humane and milieu friendly urbanization, to imagine new kinds of cities and communities. However, "what is the city but the people?", as put forward by the Shakespearian Sincinius. The city is its people. And what are the people if not their habits of mind and heart, their technological knowledge, in a broad sense their prevailing ideas? The historical rupture of knowledge's accumulation and transmission in African societies, which is still on-going, is therefore a crucial dimension for exploring tomorrow's African (mega)cities and communities. The Lab will discuss the ideas and rhetoric affecting how we see the futures of knowledge generation and transmission for Africa and beyond. How do the current narratives on learning and education reflect how we design our cities and communities? Can we rethink our idea of progress by designing new learning structures and experiences?



2 hours


Floor -1, Room A Right
10:30–12:30

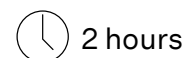
Jobs from the Future

CURATED BY

Leah Zaidi

Accelerated by Design

his workshop will explore possible jobs from the future derived from speculative scenarios. Participants will work in groups to deconstruct preposterous fictional worlds (such as The Handmaid's Tale and Avengers Endgame) that will challenge them to think beyond their norms. After taking a deep-dive into their scenarios, participants will use their insights to design new jobs that may emerge in the future. The outcome will include new 'Job Ads from the Future' artefacts. The intention of this session is to challenge participants to rethink projected futures, extrapolating from existing and siloed trends, and relying on their anticipatory assumptions to inform what the future may bring. It will demonstrate the value of exploring scenarios that appear preposterous at first, but reveal themselves as plausible futures once we connect them to research and evidence. Participants will explore futures literacy through elements of storytelling, systems thinking, and speculative design. The session will end with a fishbowl discussion that will encourage participants to reflect on their new understanding of futures and how their assumptions were changed in the process.



Floor -1, Room A Left
14:30–16:30

Utopia Starts With U! Personal Futures as core to create and follow new narratives

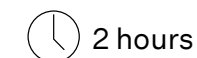
CURATED BY

Aileen Moeck

Die Zukunftsbauer



ur societies need utopias and engaging visions more than ever. Therefore, the creative power of each individual is crucial. This means that we not only adopt a positive attitude towards change, complexity and lifelong learning, but are also aware of our own self-efficacy. Every human has to see themselves as a designer or entrepreneur of their own and so our common future. We therefore developed an approach that starts at a personal level to inspire people to become more futures literate in everyday life. Being futures literate means being open to and having a curiosity for new things but also the ability and awareness to think systematically, critically and visionary. We work with Design Fiction, Integral Futures and the UNESCO concept of Education for Sustainable Development to foster Futures Literacy on a personal and practical level. The ultimate goal of the program „Utopia starts with U!“ is to inspire people to set their own future mission and to use their profession, our most impactful future shaping tool, to bring visions to life.





Floor 5, Room 5.002
10:30–12:30

Energy, or the energies of the future?

CURATED BY

Anne-Cécile Violin
Tommorow begins now!

nergy or energies of tomorrow: how should they be conceived? What are the imaginaries related to these currently limited resources? What are the imaginaries and symbols of our humanity that hide behind the notion of energy transition? What are the obstacles to changing our mental framework and finding (perhaps) new sources of energy?

 2 hours


Floor 5, Room 5.002
14:30–16:30

Making the Future: The Ongoing Use of Foresight at City and Regional Levels


CURATED BY

Bruce Tonn
Three³, Inc.

Mariam Al Mansouri
University of Strathclyde

e all make long-term plans, some personal, other work-related. These plans are not always resilient enough to withstand shocks, or flexible enough to exploit emerging strategic opportunities. As citizens we are frustrated by

the plans and policies of our cities or governments when these seem unable to respond to emerging or unforeseen challenges. The curated session will explore ways in which cities and governments can better anticipate future changes and shocks and respond in an agile manner. Challenges faced by cities and regions in the United States will be used to set the context. An initiative by the government of Abu Dhabi will serve as a reference. Through a participative process, the session will draw from the collective wisdom of participants on what specific innovative measures could be adopted by our cities and governments to actively track trends and emerging issues. Following a short problem statement and presentation to contextualise, the session will explore the use of the future at city and sub-national level and how it can lead to more adaptiveness and agility in the day-to-day workings of government.

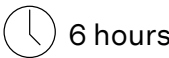
 3 hours

Floor 4, Room 4.002
10:30–13:30

Imagining the Role of Gender in Future Societies

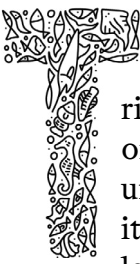
CURATED BY

- Paul Beenen*
Hanze University,
UNESCO Chair in
Futures Literacy
- Loes Damhof*
Hanze University
- Anet Doornbos*
Hanze University
- Jitske Gulmans*
Hanze University
- Elles Kazemier*
Hanze University



6 hours

Ground Floor, Room III
10:30–16:30

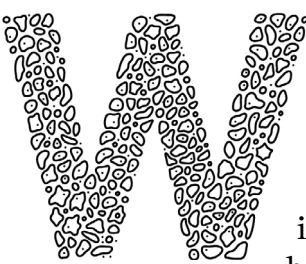


his Futures Literacy Laboratory has been designed to give participants a hands-on experience of using-the-future by imagining the role of gender in the future. Participants will gain an understanding of Futures Literacy as a capability, experience a full Futures Literacy Lab and leave with new insights regarding gender issues that are applicable in their life and work.

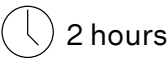
Futures of Learning, Futures for the University

CURATED BY

- Maree Conway*
Thinking Futures



e will explore some possible futures for the university that exist today and then merge them to find new futures for this much-loved institution, ones not yet imagined, not yet visible, yet just below the surface of our reality and thinking right now. We will ‘trust emergence’ and each other to create new narratives, new images, new stories about the university that the future will need. Governments and universities are inextricably linked but the relationship is fraught. Governments make decisions based on economics, markets and survival while universities try to balance historical values around social and public roles with present imperatives. The university the future needs is lost in the struggle of the present. This session aims to demonstrate how new spaces for creative and collaborative dialogue - and the development of futures literacy in both institutions - can emerge when the constraints of the present are discarded to let new approaches, thinking and ideas to emerge and taken shape.





2 hours

Floor -1, The Mall
14:30–16:30

Economic Futures: How to Democratise The Innovation Economy

CURATED BY
Isaac Stanley
NESTA

round the world, decision makers in governments, civil society and business are looking to innovation as a way to respond to a changing world. Yet today the innovation economy is heavily concentrated among a small number of companies, places and people. In the global South, innovative firms are predominantly found in rich districts of cities such as São Paulo and Nairobi, and largely disconnected from the rest of the economy. The population at large experiences the innovation economy only as consumers, or as sources of value extraction via personal data. This confinement of the innovation economy, as the philosopher Roberto Mangabeira Unger has argued, is a major driver of the inequality, stagnant productivity and political disenchantment of our times. In this lab, participants will first be introduced to a few key concepts from Nesta and Roberto Unger’s recent work on the futures of the innovation economy. Through an interactive role play, they will then explore new lines of thought and practices that would/could lead to democratisation of innovation policy in the new knowledge economy. In doing so, they will explore the conditions for a kind of double decolonization: on the one hand, freeing development in low-income countries from excessive intellectual domination by the concerns and priorities of western donors; on the other, seeking to free the possibilities of tomorrow from domination by the priorities of today.

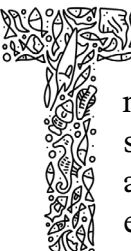
 2 hours


Ground Floor, Room IV
14:30–16:30

Creating Ownership through Futures Narratives

CURATED BY
Duncan Cass-Beggs
OECD

Julia Staudt
OECD

he OECD Strategic Foresight Unit will host an interactive lab exploring how futures narratives can create a sense of ownership. The session will explore the concepts of political agency and legitimacy in new ways. In a guided process, participants will collectively create short stories of the future and explore how these resonate with others. They will discuss how futures narratives can lead to a sense of ownership in their users/producers and ultimately result in policy-relevant action being taken.

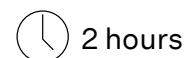
 3 hours

Floor -1, Room VII
10:30–13:30

SabLab

CURATED BY students of
the Specialized Masters
of Contemporary Creation
and Technology, ENSCi

*Bettina Comte, Claire
Kail, Djeff, Fabrice Peyrolles,
Geneviève Favre Petroff,
Léone-Alix Mazaud,
Théa Brion*



2 hours

Ground Floor, Hall Ségur
14:30–16:30



he specialized Master's degree Creation and contemporary technology (CTC) of ENSCi design school offers to professionals from all creative fields (design, architecture, art, scenography, graphic design, interactive design, space design...) the opportunity to experiment with new technologies and their

impact on their practices and activities, across aesthetic, technological and industrial thoughts.

For one month, the 7 students from the Master's course were asked to come up with approaches to address an issue related to the global crisis around sand resources. To deal with this issue, one was encouraged to get out of his comfort zone and to rely on the skills within the group.

The lab displays both an overview and a hub for interactions around this valued material: SAND.

As a collection of multifaceted emerging experiences and through multiple entries, the lab invites to consider, feel, understand, support, use, shape, (...) the societal issues arising from our relationship with sand.

Enter the sandbox where each experience is an invite to browse through questions & answers, solution drafts and contributes to emulate a collective exploration of the future of sand:

- Join the competition of the highest Burg Khalifa!
- Experiment a "Low Tech Beauty" moment with a wellness sandy mirror
- Biomimicry leisure housing
- Confront the startup Stardust that plans to exploit asteroid mining wastes.

Time Tourism Voyage Curatorial Team

Pupul Bisht, Rue Chaladauskaite, Kate Gaffigan, Jonathon Keats, Maya Van Leemput, Michele Mastroeni, Riel Miller, Liin Nur, Matjaz Vidmar, Jennifer Williams, Leah Zaidi

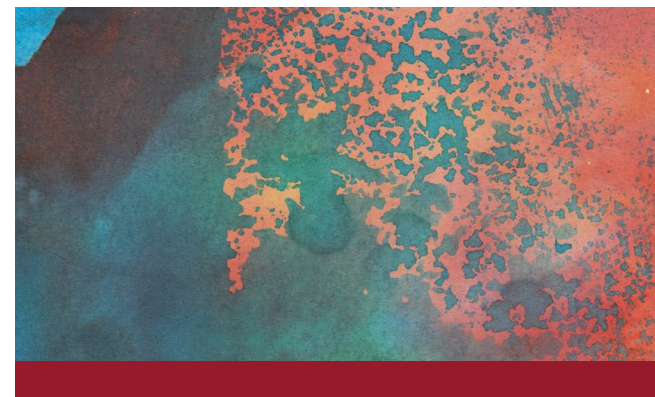
Special thanks to...

Hannah Louise Bellicha, Jonathan Ben-Shaul, Michel Joël Diament, Laurent Dominati, Julie Guiche, Jean-Marie Lentali, Benoit Lorent, Olivier Pierre Marty, Léone-Alix Mazaud, META, Geneviève Peyrègne, Jean-Francois Roversi, Sheina Szlamka, Frederic Taieb, and the whole Infusion collective.

Design & Illustration: Bedow

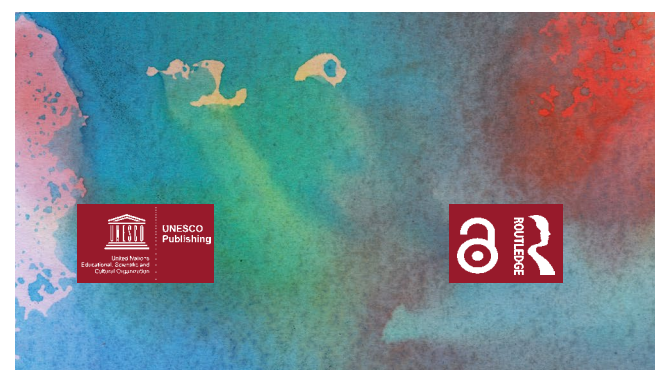
Get in touch with the
Futures Literacy Team at:
futures@unesco.org

UNESCO
7, place de Fontenoy,
75352 Paris 07 SP, France



TRANSFORMING THE FUTURE

ANTICIPATION IN THE 21ST CENTURY



Riel Miller (ed)., London: Routledge,
“Transforming the Future:
Anticipation in the 21st century”

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ark:/48223/pf0000264644](https://unesdoc.unesco.org/ark:/48223/pf0000264644)

Already available in Arabic. Coming
soon in French (2020), Chinese,
Russian and Spanish.

