

PROGRAMM

Registration starts at 12.30. Doors close at 13.00.
Host: Phillip Dale

SESSION 1: New ideas, new solutions

- x Performance : Leonello Tarabella and Alessandro Baris, *Collisions*
- x Emilie Allaert, *Fintech : Paving the way to a new era*
- x TED video : Hetain Patel & Yuyu Rau *Who am I? Think again*
- x Susanne Sommer and Helmut Wiland, *Steering projects without long-term plans – Mission Impossible?*
- x Performance : Sitta
- x Silvia Vignolini, *Colours with a twist*

Coffee break

SESSION 2: Curating curiosity

- x Marion Grace Woolley, *Those 'click' moments: defying formal education*
- x Li Bennich-Björkman, *Why Academic Freedom Matters*
- x TED video : Dan Ariely, *Beware conflicts of interest*
- x Chris Woolston, *The great science experiment: Can young researchers survive the system?*
- x Performance: Jean-Guillaume Weis ensemble
- x Johannes Heuschkel, *What I learned from tracking my mood, sleep and 27 other variables for one year*

Coffee break

SESSION 3: Ordinary surprises

- x Paul Wilmes, *The ecology of the unseen*
- x Richard Roberts, *Healing by numbers*
- x Performance : Sitta
- x Tanja Gabriele Baudson, *The Responsibility of Science in and for Society*
- x TED video : Daria van der Berken, *Why I take the piano on the road...and in the air*
- x Sara Rigon, *Can you test for virginity?*

19.00 – 21.00 Drinks and dinner

PRACTICAL INFORMATION



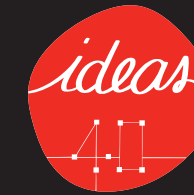
The TEDx will happen in 3.540 of the Maison du Savoir. Enter through the entrance "Auditoires" and follow the signs until the third floor.

A cloakroom is available.

It is essential to have proof of your ticket purchase. Students who bought tickets with a student discount must bring a valid student ID to be refunded the discount.

ORGANISING TEAM

Jan Lagerwall	Organiser & licence holder
Harris Lygidakis	Production
Laura Bianchi	Partnerships/Communication
Raquel Gómez Bravo	Curation
Robert Reuter	Production
Daniel Zuk	Production
Gabriele Lenzini	Operations
Bruno Santos	Production
Sachin Kumar Enganati	Production
Sanja Jankovic	Finances/Ticketing
Vanessa Schmidt-Barbe	Administrative Support
Patricia Ramoa	Administrative Support



TEDx
University of Luxembourg

x = independently organized TED event



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ARTISTS AND SPEAKERS



COLLISIONS

Leonello Tarabella, originally a saxophone player, began working on his gesture recognition technology for computer music in 1995, while working with the National Council of Research in Italy. He developed two interactive systems to perform electronic music with bare hands. In 2010, he met Alessandro Baris, musician and composer. The name Collisions illustrates the opposition between the futuristic technology of Tarabella and the primordial sound of Baris' drums.



JEAN-GUILLAUME WEIS

Jean-Guillaume danced among others with Pina Bausch Tanztheater, Mark Morris Dance Group and Tanztheater Basel. Since 1998, he dances mostly in his own work and choreographs for his company, Dance Theatre Luxembourg, Jean-Guillaume Weis & guests. He has choreographed over 20 pieces performed across Europe and the United States.



SITTA

"Urban soul with persian spice" – best illustrates Sitta's style. As the daughter of an Iranian opera singer and a Berlin stage actor, Swiss-born vocalist Sitta has made Luxembourg her home. Sitta performs as an independent artist at various events, is regularly at the Grund Club's Songwriters concerts and collaborates with numerous artists. During her performance, taken from her upcoming EP "Part Of Me", she accompanied by Sri Nassú Bowe on guitar, Sebastian "Schlapbe" Flach on bass, Shafi Badreddin on oud and Boris Dinev on percussion.



SILVIA VIGNOLINI

Nature's brightest colours are created without any pigments or colourants, but they are made of transparent materials like cellulose. Today, scientists can "twist" cellulose to fabricate brilliant colours, which can be used as novel sustainable pigments safe for the environment and us. Silvia is currently a reader in chemistry at the University of Cambridge. Her interest lies at the interface of chemistry, soft-matter physics, optics and biology.



SUSANNE SOMMER AND HELMUT WILAND

Classic project management has serious limitations, both for teams and clients. A radically different approach, the so-called Agile method, has the potential to overcome these limits. Susanne Sommer is a mathematician with over twenty years of experience in software development. Helmut Wiland is a computer scientist with over 25 years of experience in research & software development.



PHILLIP DALE

Phillip is curious, likes problem solving and is currently thinking about the following question: "How do we as people change from oil, gas, and coal to wind, solar, and hydro-electric energy sources in time?" Phillip is an Associate Professor at the University of Luxembourg, researching how to make cheaper, smaller, and more efficient devices to convert sunlight into electricity.



LI BENNICH BJÖRKMAN

Can external incentives such as money, promotion or evaluations drive scientists to be more creative? The answer is no. Internal motivation, to work on puzzles chosen out of curiosity, is the secret. Li became the first woman professor at the Department of Government at Uppsala University in 2007 and the first woman appointed Skyttean Professor of Eloquence and Government. She is an untiring defender of academic freedom and long-term research projects.



JOHANNES HEUSCHKEL

Everyone knows that life is not always easy. It goes in waves. Johannes will share what he learned from one year of close self-observation. He wants to make us aware of omnipresent ups & downs in life and how this awareness can help us to create better days. He is in the 5th semester of "Bachelor en Psychologie", has experience in beatboxing, entrepreneurship and music production.



PAUL WILMES

Our collective lifestyles impact the microbes in our gut. However, we do not understand their functions, as most microbial molecules are currently unknown to science. We are thereby changing the ecology of the unseen within us, without understanding the likely repercussions in relation to human health and disease. Paul is Associate Professor of Systems Ecology at the University. His main research focus is on using systems biology approaches to identify key functionalities of microbial communities.



SARA RIGON

As a primary care enthusiast, Sara strongly believes in universal coverage: access to quality healthcare services and access to safe, effective and affordable medicines and vaccines. Her talk aims at shedding light on the concept of virginity, which in some part of the world is still a matter of life and death. She is a general practitioner, has worked with Médecins Sans Frontières and is a member of a European group of primary care doctors who tackle health inequalities.



RICHARD ROBERTS

Strategies used in manufacturing are now being applied to healthcare: assembly line production, protocol-driven care, big data. They promise improved population health at lower cost. Yet, linear production models can do great harm in healthcare. Richard is a Professor of Family Medicine and practiced for 32 years in Wisconsin, United States. His scholarship focused on evidence-based practice, patient safety and primary care redesign.



MARION GRACE WOOLLEY

They say 'life is short', but it can feel extremely long if you're stuck doing something you don't enjoy. From her first career in sign language to building pianos in Rwanda, Marion has always been led by a little 'click' of fascination. We have never had greater access to life-evolving resources; yet our approach to education and inspiration remains stiffly old-fashioned.



EMILIE ALLAERT

You can't teach an old dog new tricks - this is what many of us think when you speak about financial services. As Emilie will explain, disruption is associated with Fintech, giving it potential to radically change the financial industry. Following a career in the financial industry as consultant, Emilie became Head of Operations and Projects at The LHoFT Foundation (Luxembourg House of Financial Technology), helping financial services adopt and embrace the latest technologies.



CHRIS WOOLSTON

From galaxies to genes, we live in an age of discovery. But the people behind the breakthroughs are struggling. As a freelance science writer and a reporter for Nature, Chris heard stories of overwhelming pressure, stress, and despair—the hallmarks of a broken system in need of repair. The future depends on science, but first we have to help the scientists.



TANJA GABRIELE BAUDSON

The role of science in society is something that matters very much to Tanja. This certainly played a role when she and Claus Martin decided to initiate more than twenty „March for Science“ in Germany since 2017. She is a postdoctoral researcher at the University, with a focus on giftedness, intelligence, and identity development.

