GLOBAL

VARIATIONS

GLOBAL VARIATIONS NODES 2018

Once a year are gathered new nodes of Global Variations (GV) Network. First edition will occur by October 4th and 5th 2018 in Lausanne, Switzerland.

Executive summary

The solution Global Variations aims to provide is based on three tools: the Global Variations Nodes - which are our ambassadors around the world, their goal is to identify the area to analyze on a yearly basis - the 1-Flux methodology - which is our cognitive science based method to build prospective scenarios - and our Community platform - which administrates our members and their contributions.

GV Nodes constitute a solid group of tomorrow's world leaders, differentiating from young leaders's programs by overcoming the simple social events usually organized and by breaking the simple bilateral paradigm. Nodes are crossed during the forum between countries usually considered as competitors or enemies. Each node is made of a pair of people, one of them comes from Sci (science-innovation-art) and the other comes from Gov (politics, economics & finance, law, business). They globally aim together with GV to improve the use of innovations for a better world governance.

Each node receives a specific training by recognized experts. Basic training is made of a summary of actual world conflicts and challenges (geostrategy course), a training in creation and art, and a training about perception and influence (GV experts from the 1-flux team).

The thematic experts will lead workshops on the theme of the year, AI for 2018, in parallel with the empowerment forum co-organised between GV and Delarive's foundation. Finally, the last day, GV nodes release strategic and alternative scenarios.

GLOBAL VARIATIONS

PROGRAM

DAY 1 Global Variations 1-FLUX training
Ecal, Renens, Switzerland
Access exclusive to GV Nodes, guests and speakers.

<u>Morning session</u> 9:30 am - 12am
Leveraging cognitive science to address global challenges

Overview

This course is an introduction to current societal issues related to human cognition. As the complexity of the world increases, driven by the rate of technological innovation, understanding and mastering the principles of human cognition is critical. Drawing on basic theories and findings in perception, consciousness, intelligence, and evolution, we will explore societal issues involving human cognition. Will algorithms based on big data replace human decisions? How to set an effective influence strategy? How to improve your own cognitive abilities? The class session will comprise a mixture of lectures, experimental demonstrations, and free Q&A.

Summary

Introduction by Joachim Son-Forget, president of Global Variations.

Part 1: The science of influence (Dr. Vincent Berthet, assistant professor, chief of 1flux team at Global Variations) 20-30 mins (Principles of influence, History of nudges, The 1Flux toolbox).

Part 2: Keynote Fundamentals of cognitive science (Dr. Mark Changizi, science best-sellers writer, evolutionary psychologist) 45 min (Perception, Thinking, Evolution).

Part 3: Post-truth, conspiracy theories & fake news: understand them! fight them? Bullshit and critical thinking: dangers & opportunities (Dr. Sebastian Dieguez, writer and scientist) 30 mins.

Part 4 Keynote (afternoon at empowerment summit): The future of AI (Yann Le Cun, head of Facebook AI).

<u>Afternoon session 2pm – 5pm</u>
Leaders speak to experts! Experts speak to leaders!

Overview

Future world leaders present at GV Nodes will have free exchange. Different large and conflictual topics will be discussed, with maximum openness and respect under the rules of a respect of the confidentiality of the exchanges if requested by the attendees. The attendees must attend morning GV 1FLUX program and bring their own experience in the afternoon debates.

Summary

Debate 1: The future of AI. Cooperation and wars for technology, competition for primary resources (energy & rare earths), consequences on migration, cultural exchanges and rivalries. (Moise Katumbi, DRC Katanga former governor & businessman; Yann Le Cun, Facebook)

Debate 2: Healthcare and AI, consolidation of Health Hubs, access to healthcare in remote regions, geopolitics of healthcare, telemedicine: challenges of an already existing new model. Introduced by Dr Pierre Durand (TMF medical, CEO Horasis) and Dr Mathieu Elie (Vice-President and Asia-Pacific regional Manager, Guerbet; Vice-President Global Variations, Asia-Pacific).

Debate 3: Bots mimicking human behavior and IoT: risks, advantages, global security issues, power games on social networks, disinformation campaigns, perspectives. (Dr Silvia Quarteroni, ELCA; Ed Bugnion, founder of WMware and former VP of Cisco, Full professor at EPFL; Olivier Bousquet, principal engineer at Google AI Europe, Alessandra Curioni IBM Watson VP of Europe and director of IBM research lab in Zurich).

<u>Conclusion of the day</u>
Social time

6pm: Joining the empowerment-summit.ch @ECAL.

8pm: concert @Royal Savoy only for GV Nodes, GV guests and Empowerment summit speakers. By Pianist Yaron Herman.

9pm: Diner @ Royal Savoy Hotel.

GLOBAL VARIATIONS

DAY 2 Global Variations Nodes

Ecole Polytechnique Fédérale de Lausanne, Quartier de l'innovation @ELCA (Switzerland)
Access exclusive to GV Nodes.
<u>Morning session</u> 9:00 am – 12am

Program

Breakfast

Synthesis of debates and 1Flux content.

Public stances, medias, communication on shared ideas and prospective scenarios.

Organization of the GV Nodes network for 2018: consolidating regional relays and development.

2019 GV Node summit.

<u>Conclusion of the day</u>

The morning session is followed by a lunch time for volunteers.

Departures to Lausanne train station or Geneva Airport.

Buses and taxis organized by GV to train stations and airport.