

**70% WORK IN
MORE THAN 3
DISCIPLINES**

**15% WORK IN
6 OR MORE
DISCIPLINES**

FROM THE 52 N100 **SPEAKERS**, WE RESEARCHED HOW MANY DIFFERENT DISCIPLINES THEY WORK IN, AND OUT OF 16 DISCIPLINES RANGING FROM TECHNOLOGY, POLITICS, CIVIL SOCIETY, FINANCE, DEFENCE, SCIENCE, LAW AND OTHERS...

40%

**ENGAGE BOTH IN TECHNOLOGY
AND THE SOCIAL SCIENCES**

5 CONTINENTS

25 NATIONS

AT LEAST **5** **erc**
GRANTS
AMONGST OUR
SPEAKERS

On November 14th and 15th 2018, leaders in technology, science, politics, business, & academics; innovators, visionaries and other influential thinkers gathered to discuss how to transform current challenges into future opportunities. The foundations for a multilateral global order laid out in the aftermath of WWI are being challenged in a world overwhelmed with digital, technological, social, political, economic and environmental transformations. The Next 100 Symposium provides a global platform to link technological progress with social and political advancement, to convert societal anxieties into global empowerment.

Highlights

How far we've come in economic governance

IMF Europe's Director Jeffrey Franks outlined how technological advances have raised living standards across the world. He argues that important innovations over time have been one of the main driving factors of sustaining this unprecedented economic prosperity over the past 70 years. However, we do live in pessimistic times seeing recession, collapsing banks, markets, jobs, a tremendous increase in CO2 emission levels, and the endangering of our economic and ecological future. Prof. Ian Begg, LSE, highlighted that we should be using emerging technologies in assessing needs such as health, connectivity, and environmental change.

Europe's potential and Europe's lack of competitiveness

Frederick Bordry, Director for Acceleration and Technology of CERN, presented how CERN is pushing the frontiers of knowledge and uniting people from different countries and cultures because "by nature, science has no borders." This

was reiterated by Robert-Jan Smits, leading figure in progressing technology and innovation in Europe. "Europe has been unable to transform its scientific leadership into innovation leadership." Why? Lack of venture capitalism, shortage of funds and skills. What do we need? "Funds so initiatives not only get off the ground but also go through the valley of death and internationalise."

The human mind is still unmatched in recognising and understanding patterns

AI and Artificial Intuition, the focus of Shmuel Bar, founder of IntuView, may have problems distinguishing a kiwi from a teddy bear, yet, it can pinpoint a terror attack in 10 minutes using sentiment analysis of social media and collected intelligence. Developing this technology promises immense opportunities, including improved foresight and security/defence prospects. However, the implications of autonomous weapons and defence systems are poised against the question of how to establish a co-existence between *them* and *humans*.

**"A FUNDAMENTAL COMPONENT OF WHAT
A COUNTRY WANTS TO BE IN 20 TO 30 YEARS
IS HOW WE CAN BUILD OUR SECURITY ENVIRONMENT
SO THAT WE CAN GET THERE."**

SHMUEL BAR,
Founder, Chairman of the Board
& Chief Executive Officer
IntuView Ltd

**"WE FACE A TRANSITIONAL EMPLOYMENT CHALLENGE.
LET THE DYING JOB DIE
AND HELP THOSE PEOPLE FINDING NEW JOBS"**

JEFFREY FRANKS
Director,
IMF Europe

ReDEFINE GLOBAL YOUTH PROGRAMME

ReDefine Next 100 challenges young leaders to think outside the box, and look at the world through the lens of opportunity, promoting the use of technology and innovation to address global challenges.

In 2018, from over 600 applications and more than 50 countries, GARI invited 13 ReDefiners to Prague to create innovative and unique proposals.

2018 PROJECTS

- 1 Innovating the International Remittance System.
- 2 GridHub: Managing energy flows of producers and users.
- 3 ReDefarm: Revamping the agriculture industry using a big data approach.

N100 hosted ReDefiners from El Salvador, Germany, Iran, Mexico, Puerto Rico, Russia, Uganda, and the USA,

NEXT 100 REDEFINERS 2018

This is an unparalleled opportunity for young leaders committed to making a real impact on society through technology and innovation.

The ReDefine N100 application process runs from February to the end of April.

SHARE THE CALL!

Join the global youth programme as a mentor, partner, sponsor or simply share the call to include young leaders in your network.

JOIN REDEFINE 2019

Outcomes

2018 was the beginning of GARI's annual Next 100 Symposium.

N100 Speakers, Partners and Participants set the agenda and tone for what has become the flagship event of the Global Arena Research Institute. The N100 network represents

the foundations for the next 100 years of opportunity, interdisciplinarity and mutual empowerment between the realms of technology and the social sciences.

SESSION VIDEO RECORDINGS AND PHOTOS CAN BE FOUND ON

www.next100symposium.org

THEY WROTE ABOUT US...

Euractiv | Hospodarske Noviny | Aktualne.cz | Euroskop

Follow us on **LinkedIn** - where you'll find

- Articles from our 'Last Week on Earth' digest
- Shared global news on the cross-section of technology and the social sciences
- Updates about GARI Research, the N100 Symposium & ReDefine N100 global youth programme

**“SCIENCE IS ONE OF THE FEW
REAL UNIVERSAL LANGUAGES.”**

Frederick Bordry
Director of Acceleration
& Technology,
CERN

**“WITH 7% OF THE WORLD'S POPULATION,
EUROPE IS STILL GENERATING 1/3
OF THE WORLD'S KNOWLEDGE.”**

Robert-Jan Smits
Senior Adviser for
Open Access and Innovation,
European Commission

NEXT100
EXPERT MEETINGS
FROM FEBRUARY
UNTIL OCTOBER
2019

WHAT NEXT

NEXT100
SYMPOSIUM 2019
NOVEMBER
19-21ST

Expert meetings will define the most promising cross-disciplinary avenues with regard to technologies, innovations and the seven main N100 areas. Topics will always include technology, digitalization, innovation and their opportunities relating to...

GLOBAL RELATIONS,
SECURITY AND
DEFENCE

SOCIETY,
EDUCATION
AND MEDIA

POLITICS
GOVERNANCE AND
HUMAN RIGHTS

FUTURE OF
TECHNOLOGY AND
SCIENCE

ENVIRONMENT,
SUSTAINABILITY
AND ENERGY

ECONOMY,
FINANCE AND
BUSINESS

URBANIZATION
AND
TRANSPORTATION

NOVEMBER
19TH
WORKING GROUPS

NOVEMBER
20TH
SYMPOSIUM

NOVEMBER
21ST
FESTIVAL

- ➔ Host a Next 100 Expert meeting
- ➔ Become a speaker
- ➔ Become a partner

“In the face of deep uncertainty,
and political, economic and environmental crises,
the conventional decision support tools
that we have to guide policy choices just aren't enough.”

Jinelle Piereder

Waterloo Institute for Complexity and Innovation



GARI Research

GARI is establishing an interdisciplinary research centre that aims to alter the ways we understand regional and global processes and globalization. We are combining pioneering ways of analysing (big) data on flows, interactions and political & regulatory frameworks. We are developing a new analytical foundation, usable in real-world policy-making and business decisions. In the long run, our approach has the potential to enhance our capacities to assess the impact of globalisation on the capabilities of governments and institutions to manage the effects of globalization.

Current Project: **V4 CARE ARSEC** - Computer-Aided Reasoning in Assessing Regional Socio-economic Complexity in the Visegrad countries, Austria and Germany, focusing on trade and investment, socio-economic, energy and environmental flows and their frameworks.

The 2 Goals of GARI

1 Carry out pioneering socio-computing and socio-tech research that helps to better our understanding of the nature, impact and management of globalization.

"Cracking the DNA of Globalization"

2 To promote a bold dialogue on overcoming the deepening crisis of the political trust with the aid of socially responsible technological innovations. GARI builds a community of forward-looking international professionals, scientists, influencers from a wide variety of fields (technology, science, politics, economy, business, security, diplomacy, environment, society).

"The future will surely surprise us - a lot. But we have plenty of ways of making sure that it will be a pleasant surprise".

HOW TO TAKE PART

- > **INTERESTED IN THE RESEARCH, NEED ANALYSIS, HAVE DATA TO CONTRIBUTE?**
- > **INTERESTED IN PARTNERING ON THE 2019 NEXT 100 SYMPOSIUM?**
- > **INTERESTED IN SUPPORTING THE 2019 REDEFINE NEXT 100 GLOBAL YOUTH PROGRAMME?**

research@globari.org
n100@globari.org
redefine100@globari.org



ODESSA PRIMUS
Executive Director

MICHAL KORAN
Founder and President of the Board

NEXT100 2018 SPEAKERS



THOMAS ROCA
DATA STRATEGIST & ECONOMIST, MICROSOFT & LINKEDIN



ESTHER NAKAJJIGO
GLOBAL YOUNG LEADER, WOMEN & MIGRATION FOUNDER, REALITY TV SHOW "SAVING INNOCENCE CHALLENGE"



TOMAS PETRICEK
MINISTER OF FOREIGN AFFAIRS, CZECH REPUBLIC



ROBERT-JAN SMITS
SENIOR ADVISER FOR OPEN ACCESS AND INNOVATION, FORMER DIRECTOR-GENERAL, EC RTD



FREDERICK BORDRY
DIRECTOR OF TECHNOLOGY, CERN



JEFFREY FRANKS
DIRECTOR, IMF EUROPE



GABRIEL EICHLER
FOUNDER, BENSON OAK CAPITAL, FORMERLY CHIEF INTERN. ECONOMIST, BANK OF AMERICA



IAIN BEGG
PROFESSOR, LONDON SCHOOL OF ECONOMICS, LEADING EUROPEAN EXPERT ON ECONOMIC GOVERNANCE



KAREL JANECEK
FOUNDER, KAREL JANECEK FOUNDATION & MATHEMATICIAN



VIKTORIA LI
SWEDISH AMBASSADOR TO THE CZECH REPUBLIC



ROLAND GALHARAGUE
FRENCH AMBASSADOR TO THE CZECH REPUBLIC



CARLOS ALVAREZ PEREIRA
FOUNDER & PRESIDENT, INNAXIS FOUNDATION & RESEARCH INSTITUTE



SHMUEL BAR
FOUNDER, CHAIRMAN OF THE BOARD & CHIEF EXECUTIVE OFFICER, INTVIEW LTD



BARBORA BUHNOVA
TECH DIRECTOR, CZECHITAS, ASSOC. PROFESSOR, MASARYK UNIVERSITY



JÍŘÍ SCHNEIDER
DIRECTOR, ASPEN INSTITUTE, CENTRAL EUROPE



ROBERT KVILE
NORWEGIAN AMBASSADOR TO THE CZECH REPUBLIC



JINELLE PIEREDER
WATERLOO INSTITUTE FOR COMPLEXITY AND INNOVATION



JOERG FORBRIG
SENIOR TRANSATLANTIC FELLOW, GMF DIRECTOR, FUND FOR BELARUS DEMOCRACY



GABRIELA SVAROVSKA
DEPUTY DIRECTOR, PRAGUE CIVIL SOCIETY CENTRE, HEAD OF THE GRANTS PROGRAMME



DAVID WELCH
PROFESSOR OF POLITICAL SCIENCE, UNIVERSITY OF WATERLOO



VLADIMIR MARIK
SCIENTIST; FOUNDER, CERTICON; FORMER DIRECTOR, CIIRC

MADELEINE BÖHM, RESEARCH ASSOCIATE, UNIVERSITY OF ERFURT
OLDŘICH BURES, DIRECTOR, PROFESSOR, CENTER FOR SECURITY STUDIES, METROPOLITAN UNIVERSITY
JAN ČAPEK, CEO, BRAINNS
JOHANN ČAS, ECONOMIST, INSTITUTE OF TECHNOLOGY ASSESSMENT OF THE AUSTRIAN ACADEMY OF SCIENCES
RORY FIELD, CEO, VIENNEAST
MAREK HAVRDA, STRATEGIC ADVISOR, GOODAI
BRADY HILLS, PROGRAMME OFFICER, INTERNATIONAL REPUBLICAN INSTITUTE
MARCUS HOW, HEAD ANALYST, VIENNEAST
BOHUMIL KARTOUS, HEAD OF COMMUNICATIONS, ANALYST, EDUIN
MICHAL KOŘAN, PRESIDENT OF THE BOARD, GLOBAL ARENA RESEARCH INSTITUTE

JAN KOUKAL, FORMER MAYOR OF PRAGUE
LUKÁŠ KOVANDA, CHIEF ECONOMIST, CZECH FUND
MAKSYM KYIJAK, DEPUTY DIRECTOR, CO-FOUNDER, CENTRAL EUROPEAN INSTITUTE, GLOBAL UKRAINIANS
JAN LUKAČEVIČ, RESEARCH ASSISTANT, ACADEMY OF SCIENCES OF THE CZECH REPUBLIC
RONEN PALAN, PROFESSOR, CITY UNIVERSITY OF LONDON
JUKKA PESOLA, AMBASSADOR OF FINLAND, CZECH REPUBLIC
ODESSA PRIMUS, EXECUTIVE DIRECTOR, GLOBAL ARENA RESEARCH INSTITUTE
WOJCIECH PRZYBYLSKI, EDITOR IN CHIEF, VISEGRAD INSIGHT
TERESA REITER, SECURITY CONSULTANT, NEOS
TOMÁŠ SEDLÁČEK, CHIEF ECONOMIC STRATEGIST, CSOB

ANNA SHAVIT, HEAD OF MARKETING, COMMUNICATION, PUBLIC RELATIONS, CHARLES UNIVERSITY
JÍŘÍ SKUHROVEC, PRESIDENT, ECONLAB
DOMINIK STROUKAL, CHIEF ECONOMIST, ROKLEN
TOMÁŠ STRÁŽAY, SENIOR FELLOW, HEAD OF THE CENTRAL & SOUTHEASTERN EUROPE RESEARCH PROGRAM, SFPA
FRANTIŠEK ŠULC, ADVISER, MINISTRY OF DEFENSE, CZECH REPUBLIC
JONÁŠ SYROVÁTKA, SECURITY ANALYST, PRAGUE SECURITY STUDIES INSTITUTE
ANDREW THOMPSON, ASSISTANT PROFESSOR, SENIOR FELLOW, UNIVERSITY OF WATERLOO, CIGI
JOSEF URBAN, PRINCIPAL RESEARCHER, CIIRC
ALENA VRANOVA, FORMER CEO, SATOSHILABS

N100 PROGRAMME 2018

WEDNESDAY, NOVEMBER 14TH

09:00 - 09:15	Opening Remarks	Michal Koran, GARI
09:15 - 09:30	Opening Address	Jeffrey Franks, IMF
09:30 - 10:30	N100 Economy <i>Economic Governance in a Tech Driven World</i>	Jeffrey Franks, IMF Iain Begg, LSE Ronen Palan, CUL
10:30 - 11:00	Networking Break powered by Opero	
11:00 - 12:00	N100 Panel <i>Artificial Intelligence & the way we live, work, and prosper</i>	Thomas Roca, Microsoft & LinkedIn Shmuel Bar, IntuView Ltd. Johann Cas, AAS Marek Havdra, GoodAI Jinelle Piereder, BSIA
12:00 - 12:30	Oxford Style Debate <i>Future of Technology: the Good, The Bad and the Ugly</i>	Thomas Roca, Microsoft Bohumil Kartous, EDUin
12:30 - 13:00	Luncheon Keynote	Gabriel Eichler, Benson Oak Capital
13:00 - 14:00	Lunch	
14:00 - 14:30	N100 Science Keynote	Frédéric Bordry, CERN
14:30 - 15:30	N100 Science & Innovation	Robert-Jan Smits, EPSC Frédéric Bordry, CERN Carlos Alvarez Pereira, Innaxis
15:30 - 16:00	Networking Break	
16:00 - 16:30	ReDefiners Spotlight	
16:00 - 17:00	Breakout Sessions <i>- Education and closing the digital divide and how to do it</i> <i>- Critical IT infrastructures and their future</i>	Barbora Buhnova, Czechitas
16:30 - 17:30	Panel <i>Artificial Intelligence for Good</i>	Andrew Thompson, BSIA Jinelle Piereder, BSIA David Welch, BSIA Gabriela Svarovska, PCSC Madeleine Boehm, Erfurt University Barbora Buhnova, Czechitas Joseph Urban, CIIRC Jan Lukacevic, Academy of Sciences
17:00 - 18:00	N100 Technology <i>Charting the Future</i>	Shmuel Bar, IntuView Ltd. Thomas Roca, Microsoft & LinkedIn Marcus How, ViennEast
17:00 - 18:00	Breakout Session <i>Data Science and "Big Data" in Business, political and security foresight and analysis</i>	
18:00 - 18:30	Interactive Wrap-up	
20:00	GALA DINNER <i>(by special invitation only)</i>	Robert-Jan Smits, EPSC

THURSDAY, NOVEMBER 15TH

09:00 - 09:30	Opening Address <i>Foreign Policy in a Fluid World</i>	Tomas Petricek, Minister of Foreign Affairs
09:30 - 10:45	N100 Ambassadors' Session <i>Innovations of Politics/ Politics of Innovations?</i>	Robert Kvile, Norwegian Ambassador Viktoria Li, Swedish Ambassador Jiri Schneider, Aspen Institute Jukka Pesola, Finnish Ambassador Roland Galharague, French Ambassador Andrew Thompson, BSIA
10:45 - 11:00	Networking Break	
11:00 - 11:30	ReDefiners Spotlight	
11:30 - 12:30	N100 Society	Carlos Alvarez Pereira, Innaxis Prof. Vladimir Marik, CIIRC, Certicon Jiri Skurhovec, EconLab Ronen Palan, CUL Oldrich Bures, MU Rory Field, ViennEast
11:30 - 12:30	Breakout Session <i>Off shore Financing, International Terrorism & Organized Crime</i>	
11:30 - 12:30	Breakout Session <i>- Future of Money</i> <i>- Blockchain: Myths & Reality</i>	Dominik Stroukal, Roklen Aléna Vranova, Satoshi Lab Jan Capek, Braiins
12:30 - 14:00	Lunch	
14:00 - 14.30	Oxford Style Debate <i>Beyond N100: Singularity, Plurality and Other Charms of the Future</i>	Tomas Sedlacek, ČSOB Karel Janecek, Founder, D2I
14:00 - 15:00	Breakout Session <i>Central European Futures. Five Scenarios for 2025</i>	Joerg Forbig, GMF Wojciech Przybylski, VI Tomas Strazay, SFPA Esther Nakajjigo, Founder "Saving Innocence Challenge" TV Show Karel Janecek, Founder, D2I Jan Koukal Rolen Palan, CUL Lukas Kovanda, Czech Fund
14:30 - 15:30	N100 Global	
14:30 - 15:30	Breakout Session <i>-Ecology of the Modern Firm: A look into the complex Architecture of the Multinational Corporations</i>	
15:30 - 16:00	Networking break powered by Institute for Democracy 21	
16:00 - 17:00	N100 Security & Defence	Shmuel Bar, Intuview Ltd. Frantisek Sulc David Welch, BSIA Teresa Raiter NEOS Maksym Kyjyak, CEI Jonas Syrovatka, PSSI Brady Hills, IRI
16:30 - 17:30	Executive Session <i>Securing Europe in times of Hybrid Conflicts</i>	
17:00 - 17:30	ReDefiner Presentations	
17:30 - 18:00	Interactive Wrap-up	

SPEAKERS

Academy of Science	Central European Institute	Czechitas	European Commission	Kozminski University	Prague Security Studies Institute
Artificial Intelligence Network	CERN	Delft University of Technology	European Political Strategy Centre	LinkedIn	Roklen
Aspen Institute Central Europe	Certicon	EconLab	German Marshall Fund	London School of Economics (LSE)	Satoshi Labs
Austrian Academy of Sciences, Institute of Technology Assessment	Charles University	EDUin	GoodAI	Masaryk University	Saving Innocence Challenge
Balsillie School of International Affairs (BSIA)	City University of London	Embassy of Finland	Innaxis	Metropolitan University, Center for Security Studies	Slovak Foreign Policy Association
Benson Oak Capital	CSOB	Embassy of France	International Monetary Fund	Microsoft	University of Erfurt, Department of International Relations
Braiiins	Czech Fund	Embassy of Norway	International Republican Institute	MONETA Money Bank	ViennEast
	Czech Institute of Informatics, Cybernetics and Robotics (CIIRC)	Embassy of Sweden	IntuView	NEOS	Visegrad Insight
		European Alternatives	Karel Janecek Foundation	Prague Civil Society Centre	

MEDIA

Aktualne.cz	Cesky Rozhlas	Czech News Agency	Echo 24	Euractiv	Euroskop	Hospodarske Noviny	International New York Times
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ATTENDEES

Anticorruption Endowment (NFPK)	Cesko-Nemecky Fond Budoucnosti	DEMAS	General Electric	Odephil Editions	Relego
Association for International Affairs (AMO)	Confederation of Trade and Tourism of the Czech Republic	European Council on Foreign Relations	International Study Programs	Office of the Government of the Czech Republic	Status Quack
CEC Government Relations	České Priority	Forum 2000 Foundation	Institute for Democracy 21	Prague Civil Society Centre	Transitions Online
	České Priority	Friedrich Naumann Foundation	Institute for Foreign Affairs and Trade Hungary	Quantum Kitten	Verizon
	Czech Space Office	GE Aviation	Ministry of Foreign Affairs of the Czech Republic	Rainmaker	WEF Global Shapers

EMBASSIES

Australia	Finland	Norway	Sweden
Belgium	France	Slovakia	Switzerland
	Hungary	South Africa	

UNIVERSITIES

CEVRO	Hague University of Applied Sciences	University of Economics (VSE)
Charles University	Masaryk University	York University
Czech Academy of Sciences		

PARTNERS



Microsoft



Friedrich Naumann
STIFTUNG

FÜR DIE FREIHEIT



The German Marshall Fund
of the United States
STRENGTHENING TRANSATLANTIC COOPERATION



Visegrad Fund



Institute for Democracy 21



czechitas



Velvyslanectví SRN
v Praze

