



Ministry of  
Foreign Affairs

2023

# The 1<sup>st</sup> KNB-9 Science Policy Forum

31st May, 2023

KNTEC office

Frösundaviks Allé 1, 169 70 Solna, Sweden



SWEDISH FOUNDATION for  
STRATEGIC RESEARCH



Vetenskapsrådet



ACADEMY OF FINLAND



ETAG



Latvijas Zinātnes padome



Research  
Council of  
Lithuania



The Research  
Council of Norway



### 31st of May (Wednesday)

Time frame	Contents	Speaker	Affiliation
09:00-09:10	Welcome Address	Minister Hye-ran Yoo	Embassy of Korea in Sweden
09:10-9:30	Participants Introduction		
09:30-10:20	Introduction(5min)	Sung-Jong Lee	KNTEC, Korea
	Introduction(5min)	Marko Piirsoo	ETAG, Estonia
	Introduction(5min)	Katrine Mahlamaki	AKA, Finland
	Introduction(5min)	Sigurður Óli Sigurðsson	RANNIS, Iceland
	Introduction(5min)	Elita Zondaka	LZP, Latvia
	Introduction(5min)	Jūratė Devižienė	LMT, Lithuania
	Introduction(5min)	Olaug Råd	RCN, Norway
	Introduction(5min)	Lars Hultman	SSF, Sweden
	Introduction(5min)	Per Nihlén	VR, Sweden
Introduction(5min)	Jenny Cho	NRF, Korea	
1st Fika (20 min)			
<b>Session 1</b>			
Chair Sigurður Óli Sigurðsson (RANNIS, Iceland)			
10:40-11:10	Keynote speech(30 min) - Strengthening Technology Intelligence in the Era of Global Strategic Technology Competition	Sung Soo Kim	MIST, Korea
11:10-11:30	Overview of Generative AI: Basic Theory, Use Cases, and Critical Misuse(20 min)	Junbeom Kim	KTH, Sweden
11:30-11:50	Discussion(20 min)		
11:50-13:30	Lunch		
<b>Session 2</b>			
Chair Lehtinen Timo (AKA, Finland), Challenges, opportunities, and ethics for research by using natural language generation systems.			
13:30-13:50	Chat GPT: Opportunities and Challenges for Research Funding Agencies - The Initial Approach as a NRF Staff and a Corpus Linguist	Sungmin Lee	NRF, Korea
13:50-14:10	AI in research and production, an RCN perspective	Lasse Gullvåg Sætre	RCN, Norway
14:10-14:20	Q&A and open discussion (10 min)		

<b>Session 3</b>			
Chair-Lars Hultman (SSE, Sweden), Practical Strategies for fostering cooperation in high technology			
14:20-14:40	How to make use of AI in research funding organization	Marko Piirsoo	ETAG, Estonia
14:40-15:00	Polar Connect- A fast, secure, and resilient data connection from the Nordics to Korea and Japan across the Arctic Ocean.	Per Nihlén	VR, Sweden
15:00-15:20	Experiences from strategic bilateral research programmes	Joakim Amorim	SSE, Sweden
15:20-15:30	Q&A and open discussion (10 min)		
2nd Fika (20 min)			
<b>Session 4</b>			
Chair-Elita Zondaka (LZP, Latvia), Quality-driven Evaluation in the era of Artificial General Intelligence			
15:50-16:10	Science policy and competitive funding process in Lithuania	Viktoras Mongirdas	LMT, Lithuania
16:10-16:30	Latvian Council of Science: national and international programmes and projects, projects' evaluation praxis.	Arnis Kokorevičs	LZP, Latvia
16:30-16:40	Q&A and open discussion (10 min)		
16:40-16:50	Summary (10 min)	Sigurður Óli Sigurðsson	RANNIS, Iceland
16:50-17:00	Announcement of KNB-9 Science policy forum 2024 and closing remarks (10 min)	Dohyun Gwak	Embassy of Korea in Sweden
18:00-20:00	Official residence dinner at the Embassy (120 min)		



## Sung Jong Lee



Head of KNTEC  
Director of NRF Sweden office  
Email: [chris@nrf.re.kr](mailto:chris@nrf.re.kr)

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2020-	Director, NRF Sweden office
2019-2020	Head, Biotechnology Team 2, Directorate for National Science and Engineering Programs, NRF
2015-2016	Senior Researcher, Presidential Advisory Committee of Science and Technology of Korea (PACST)
2009-2014	Program Officer, Senior Researcher, National Research Foundation of Korea (NRF)
2002-2008	Scientific Review Administrator, Korea Science and Engineering Foundation (KOSEF)

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## Sigurður Óli Sigurðsson



Head of Division of Science and Innovation, Icelandic Centre for Research  
Email: [sigurdur.o.sigurdsson@rannis.is](mailto:sigurdur.o.sigurdsson@rannis.is)

2019-2021	Executive Director, Quality Board for Icelandic Higher Education
2015-2018	Manager, Quality Board for Icelandic Higher Education and Senior Adviser, Icelandic Centre for Research
2013-2015	Associate Professor, Florida Institute of Technology, Department of Psychology
2007-2015	Adjunct Assistant Professor, Johns Hopkins University School of Medicine
2006-2013	Assistant Professor, University of Maryland, Baltimore County, Department of Psychology

## Jūratė Deviziene



Lietuvos  
mokslo  
taryba

Programme Coordinator  
Research Council of Lithuania  
International Cooperation Unit  
Email: jurate.deviziene@lmt.lt

Since 1997, have been working in public administration in the field of higher education, research, and science. During the period of 1997-2012, in the field of higher education - the chief specialist and, later, the Head of the Division for International cooperation (EU Research and Innovation Policies, International cooperation in R&D&I) in the Ministry of Education and Science of Lithuania. In 2012-2018, a research attaché at the Permanent Representation of Lithuania to the EU in Brussels. Since the end of 2018, the Head of the International Programmes' Unit of the Research Council of Lithuania. Since 2021, the programme coordinator at the International Cooperation Unit of the Research Council of Lithuania.

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## Viktoras Mongirdas



Lietuvos  
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Head of International Cooperation Unit at Research Council Of Lithuania.  
Email: viktoras.mongirdas@lmt.lt

since 2021 Head of International Cooperation Unit at Research Council of Lithuania  
2017-2021 Chief Officer at Research Council of Lithuania  
2007-2017 Chief Officer at Agency for Science Innovation and Technology

## Sung Soo Kim



Senior Nuclear Expert(P5)  
Nuclear Energy Nuclear Power Division, IAEA  
Email: sungkim06@gmail.com, s.s.kim@iaea.org

2020 – 2022 Director General, Ministry of Science and Technology, ICT, ROK  
2019 – 2020 Director General, National Nuclear Safety and Security Council, ROK  
2013 – 2019 Director of MIST, Deputy Secretary to Science and Technology, Office of the President  
2011 Ph.D. in Chemistry, Imperial College London, UK

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## Marko Piirsoo



Estonian Research Council (ETAG)  
Marko Piirsoo, PhD  
Head of the Department of Strategic Analysis  
Email: marko.piirsoo@etag.ee

## Per Nihlén



CTO, Sunet  
Head of Unit, Swedish Research Council  
Email: [per@sunet.se](mailto:per@sunet.se)



2021- Present	Chair of CAG Customer Advisory Group NORDUnet
2013 - Present	CTO, Sunet
2017 - Present	Head of Unit, Swedish Research Council
2015-2017	Senior Advisor, NORDUnet
2011-2012	Senior Network Advisor, Geant
2007-2015	Network Manager, NORDUnet
2001-2006	Systems Specialist, Royal Institute of Technology
1996-2001	Network Specialist, Swedish Police

Per Nihlén is the CTO for SUNET, the Swedish Network for science and higher education which is part of the Swedish Research Council.

He has a vast experience in designing large multinational optical and IP networks and in that capacity served as the Network Manager for NORDUnet, the Nordic infrastructure for Research & Education, between 2007 and 2015.

He has also participated in several network related European projects for example in GEANT, the European collaboration for national research and education networks, but also as seconded expert on networking to other organisations.

## Elita Zondaka



Deputy Director  
International Cooperation Programm and Project Department Director  
Latvian Council of Science  
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Latvijas Zinātnes padome

- 
- 2022 - Deputy Director, Director, International Cooperation Programm and Project Department, Latvian Council of Science  
2014 – 2021 Deputy Director, Director, Science, Research and Innovation Policy Support Department, State Education Development Agency  
2010 – 2014 Deputy Director, Director, Structural Funds Management and Control Department, State Education Development Agency

## Arnis Kokorevics



Head of unit  
Programs and projects analytical unit  
Latvian Council of Science  
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Latvijas Zinātnes padome

- 2022 - Head of unit, Programs and projects analytical unit, Latvian Council of Science  
2020 – 2021 Expert, Latvian Council of Science  
2014 – 2020 Scientific Secretary, Latvian Council of Science

## Sung Min Lee



Ph.D. in Corpus Linguistics  
Researcher of NRF Research Policy Department  
Email: sungminlee@nrf.re.kr

2019 ~ Present: Researcher, NRF Research Policy Department(Management for Program Manager Program)  
2017 ~ 2019: Senior Researcher, Education Research Center at Korea National University of Education(KNUE)  
2013 ~ 2017: Senior Researcher & Lecturer, Korea Maritime and Ocean University(KMOU) - Specializing in English for Specific Purposes / Natural Language Processing / Maritime English Education(Korean Coast Guard)

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## Junbeom Kim



Postdoctoral Research Fellow, Department of Computer Science,  
KTH Royal Institute of Technology  
Email: ki2@kth.se

2023 - Present    Postdoctoral Research Fellow, KTH Royal Institute of Technology

## Katrine Mahlamäki



Science Adviser, Natural Sciences and Engineering Research,  
Academy of Finland

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2019-2023  
2002-2018

Science Adviser, Academy of Finland  
Researcher, Department of Computer Science, Aalto University

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## Timo Lehtinen



Science Adviser, Natural Sciences and Engineering Research,  
Academy of Finland

Email: [timo.lehtinen@aka.fi](mailto:timo.lehtinen@aka.fi)

2015-2023  
2009-2015

Science Adviser, Academy of Finland  
Researcher, Department of Computer Science, Aalto University

## Lars Hultman



CEO

Swedish Foundation for Strategic Research, SSF

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- 2013-ongoing: CEO Swedish Foundation for Strategic Research  
2022-ongoing: Court Chamberlain to His Majesty the King Carl XVI Gustaf of Sweden  
2009-ongoing: Member Royal Swedish Academy of Sciences (KVA)  
2008-ongoing: Member Royal Swedish Academy of Engineering Sciences (IVA)  
1999-ongoing Professor in Thin Film Physics, Linköping University (leave of absence since 2013)

## Joakim Amorim



Swedish Foundation for Strategic Research, SSF


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- 2007 - Research Programmes Manager Swedish Foundation for Strategic Research (SSF)  
2005 – 2007 Scientific Secretary SSF  
2001 – 2005 Scientific Secretary Swedish Research Council (VR)  
2001 PhD Solid State Physics Uppsala University

## Lasse Gullvåg Sætre



 The Research Council of Norway



Senior Advisor  
Department for Enabling Technologies  
The Research Council of Norway  
Email: lgs@rcn.no

- May 2022 – Present      Senior advisor  
<https://forskingsradet.no> Research Council of Norway - Research finance  
Portfolio management with the Enabling Technologies section, special responsibilities towards the innovation programme Digital Europe.
- February 2021 – Business analyst (temp)  
January 2022      <https://klassekampen.no> Klassekampen AS - Daily newspaper  
A temporary position extended to support their digital business processes.
- February 2018 – Geographer  
January 2021      <https://sensonomic.com> Sensonomic AS - Software company  
Made spatial simulations for Sensonomic, who's satellite informed products create actionable insight for adaptive agriculture.  
International project and consortium lead, Remote sensing and AI model construction, SaaS development.
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## Olaug Råd



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Special Adviser  
Department Enabling Technologies  
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- 2006 -              Special Adviser, Digitalisation and ICT  
1996 – 2006      Project manager, Rikshospitalet  
1992 – 1996: :    System Engineer, Kongsberg Spacetec AS