

 Federal Ministry  
Republic of Austria  
Climate Action, Environment,  
Energy, Mobility,  
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 Federal Ministry  
for the Environment, Nature Conservation,  
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**ANF**  
Asia Nano Forum

*NanoSafety  
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 Federal Ministry  
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# 6<sup>th</sup> EU-Asia Dialogue on NanoSafety

## 6th EU-Asia Dialogue on NanoSafety

# Agenda

10:00 Welcome Address

10:30 Group photo

10:40 Presentations

12:15 Lunch Break

13:15 Guided Tours

14:00 INISS-Nano Action Plan

14:10 Breakout Sessions

15:30 Break

16:00 Breakout Groups – Presentations

16:40 Closing Remarks

17:00 Dinner Invitation



## 6th EU-Asia Dialogue on NanoSafety

# Welcome Address

- ✓ Tobias SCHAEFFTER, Head of the Berlin PTB Institute, Germany
- ✓ Anita BREYER, Head of Directorate General C, Federal Ministry for the Environment, Germany
- ✓ Wannee CHINSIRIKUL, NANOTECH, Thailand, President of ANF

# Group photo



International Network Initiative on  
Safe & Sustainable Nanotechnology

# 6th EU-Asia Dialogue on NanoSafety Presentations



## Helme Helan

National Nanotechnology Centre (NNC)  
Ministry of Science, Technology & Innovation (MOSTI) MALAYSIA  
Putrajaya, Malaysia

[www.mosti.gov.my](http://www.mosti.gov.my)

Title of presentation: “Recap of the 5th EU-Asia Dialogue”

# 6th EU-Asia Dialogue on NanoSafety Presentations



## Kathrin SCHWIRN

German Environment Agency / Umweltbundesamt  
Dessau-Roßlau, Germany

[kathrin.schwirn@uba.de](mailto:kathrin.schwirn@uba.de)  
[www.umweltbundesamt.de](http://www.umweltbundesamt.de)

Title of presentation: “Safe and Sustainable by Design at OECD”

# 6th EU-Asia Dialogue on NanoSafety Presentations



## Wannee CHINSIRIKUL

President of Asia Nano Forum (ANF) 2022-2023

Executive Director of National Nanotechnology Center, Thailand

[wannee@nanotec.or.th](mailto:wannee@nanotec.or.th)

[www.nanotec.or.th/en](http://www.nanotec.or.th/en)

Title of presentation: “Characterization Research Efforts in Asian Countries”

# 6th EU-Asia Dialogue on NanoSafety Presentations



## Andrea HAASE

Head of Unit Fibre- and Nanotoxicology at the German Federal  
Institute for Risk Assessment (BfR)  
Department Chemical and Product Safety  
Berlin, Germany

[andrea.haase@bfr.bund.de](mailto:andrea.haase@bfr.bund.de)

[www.bfr.bund.de](http://www.bfr.bund.de)

Title of presentation: “German Interagency Working Group on Advanced Materials”



# 6th EU-Asia Dialogue on NanoSafety Presentations



## Emma STRÖMBERG

Associate Professor  
IVL Swedish Environmental Research Institute  
Stockholm, Sweden

[emma.stromberg@ivl.se](mailto:emma.stromberg@ivl.se)

[www.ivl.se](http://www.ivl.se)

Title of presentation: “IRISS – International SSbD-Ecosystem – Synergies with INISS-nano”

# 6th EU-Asia Dialogue on NanoSafety Presentations



## Vladimir LOBASKIN

Associate Professor  
University College Dublin, School of Physics  
Dublin, Ireland

[vladimir.lobaskin@ucd.ie](mailto:vladimir.lobaskin@ucd.ie)  
[www.ucd.ie/physics](http://www.ucd.ie/physics)

Title of presentation: “EU-US-Communities of Research – Characterization Initiatives”

# Guided Tours 13:15

✓ Group A (language: German)

Guide:  
Mr. Várdaru

✓ Group B (language: English)

Guide:  
Dr. Melchert



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INNOVATION IS THE KEY.  
SUSTAINABILITY LEADS THE WAY.

# INISS-Nano Action Plan

6<sup>th</sup> EU-Asia-Dialogue, June 21<sup>st</sup>, 2023

Berlin

Alexander Pogany, Andreas Falk



**NanoSyn<sup>4</sup>**

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## 6th EU-Asia Dialogue on NanoSafety

# INISS-Nano – positioning of the initiative

Standardisation &  
Harmonisation

Industrial Aspects



Infrastructures

Ethical Aspects



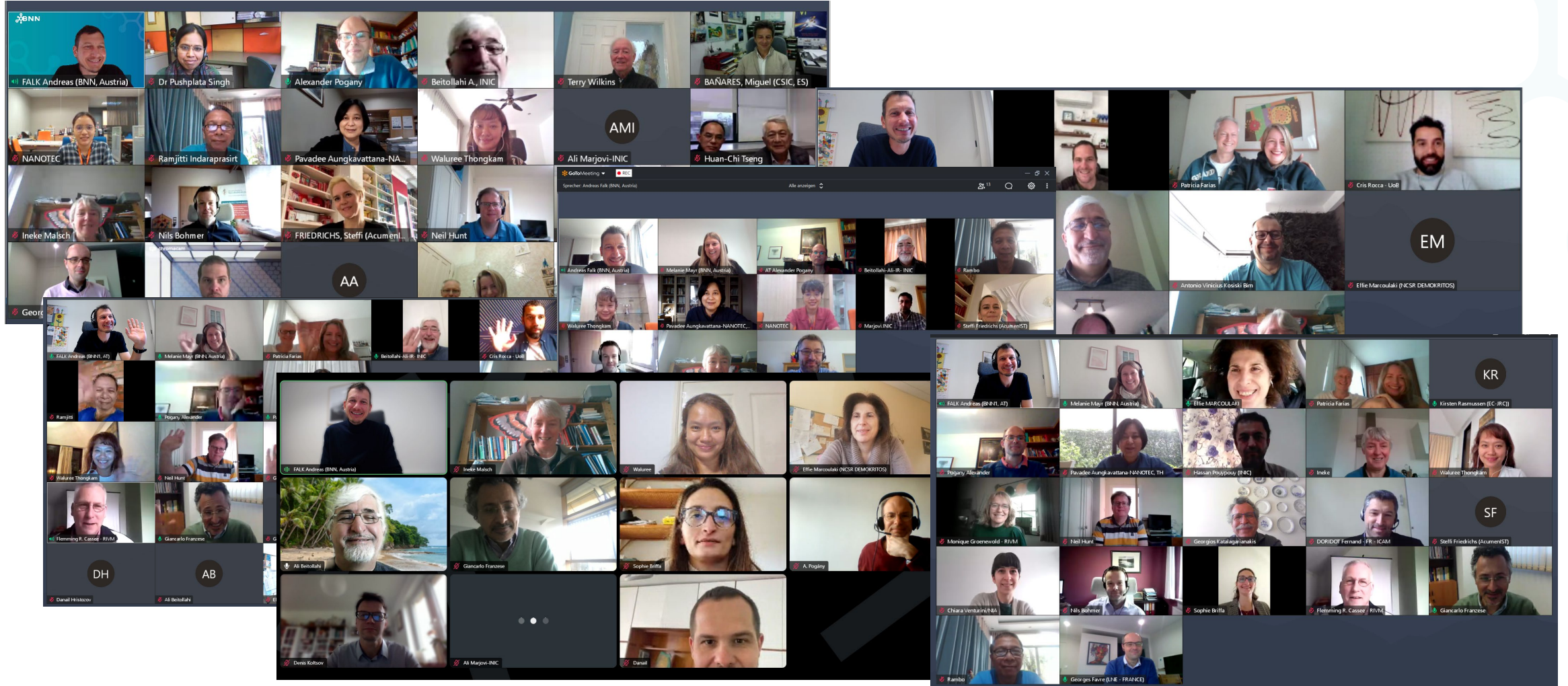
## 6th EU-Asia Dialogue on NanoSafety

# INISS-Nano – Action plan

- ✓ Structure
  - ✓ 4 Pillars – open to add/remove
  - ✓ Independent initiative
- ✓ Origin
  - ✓ Developed by the “community”
  - ✓ Volunteers for specific implementation
- ✓ Taking Initiative, Commitment and Collaboration
  - ✓ Open to everyone
- ✓ Activities → Action Plan



# Community – Volunteers



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# INISS-Nano – Action plan

- ✓ Structure
  - ✓ 4 Pillars – open to add/remove
  - ✓ Independent initiative
- ✓ Origin
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  - ✓ Volunteers for specific implementation
- ✓ Taking Initiative, Commitment and Collaboration
  - ✓ Open to everyone
- ✓ Activities → Action Plan





## 6th EU-Asia Dialogue on NanoSafety

# INISS-Nano – Action Plan – Overarching Goals

- ✓ Create a collaboration ecosystem
- ✓ Gain new knowledge / competences
- ✓ Knowledge transfer to maximize the impact of scientific work for society
- ✓ Contribute to creating solutions for societal challenges
- ✓ Expand the community globally
- ✓ Overcome “artificial” barriers → towards scientific collaboration globally...

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# Next Steps

### ✓ Ongoing items:

- Continuously implement the actions from each pillar
- Elaborate on “UNITWIN/UNESCO-network” (Fernand Doridot et al.)



### ✓ Today's items for the **breakout session**:

- to **reflect** on outputs – check the actual status of implementation
- to **evaluate** the actions – prioritize, change/delete/add actions
- to **decide** on activities for the next months incl. responsibilities/volunteers



## Events

- ✓ **16<sup>th</sup> International Conference on the Environmental Effects of Nanoparticles and Nanomaterials ICEENN 2023**, Sept 5<sup>th</sup> – 8<sup>th</sup>, 2023 Plymouth, UK  
More information: <https://www.plymouth.ac.uk/whats-on/iceenn-2023>
- ✓ **NanoTrust-Meeting**, Sept 14<sup>th</sup>-15<sup>th</sup>, 2023, Vienna, Austria  
More information: [www.bnn.at/events](http://www.bnn.at/events)
- ✓ **14<sup>th</sup> European and Global Summit for Clinical Nanomedicine CLINAM**, Oct 8<sup>th</sup>-11<sup>th</sup>, 2023, Basel, Switzerland  
More information: [www.clinam.org](http://www.clinam.org)
- ✓ **5<sup>th</sup> NanoSafety Forum for Young Scientists**, Oct 19<sup>th</sup> – 20<sup>th</sup>, 2023, Greece  
More information: [www.nanosafetycluster.eu](http://www.nanosafetycluster.eu)
- ✓ **BNN-days 2024**, March 4<sup>th</sup> – 8<sup>th</sup>, 2024, Vienna, Austria  
More information: [www.bnn.at/events](http://www.bnn.at/events)
- ✓ **NanoTox2024**, Sept 23<sup>rd</sup>-25<sup>th</sup>, 2024, Venice, Italy  
More information: [www.nanosafetycluster.eu](http://www.nanosafetycluster.eu)



# International Network Initiative on Safe & Sustainable Nanotechnology

## Contact:

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BMK; Federal Ministry of Climate; Austria

**Andreas Falk** ([andreas.falk@bnn.at](mailto:andreas.falk@bnn.at))

BioNanoNet ForschungsGmbH; [www.bnn.at](http://www.bnn.at)

## Acknowledgements:



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NanoFabNet



Thank  
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## 6th EU-Asia Dialogue on NanoSafety

# Breakout Sessions

- ✓ Group 1 Characterization Items in Standardization  
Steffi FRIEDRICHS, Georges FAVRE
- ✓ Group 2 Industrial Characterization Needs  
Patricia FARIAS, Pushplata SINGH, Gottlieb LINDNER
- ✓ Group 3 Characterization Facilities and Infrastructures  
Jörg RADNIK, Pavadee AUNGKAVATTANA
- ✓ Group 4 Societal and Ethical Considerations – Policy Framework for Characterization  
Ineke MALSCH, Waluree THONGKAM, Eric BLEEKER

## 6th EU-Asia Dialogue on NanoSafety

# Breakout Groups – Presentations

- ✓ Group 1 Characterization Items in Standardization  
Steffi FRIEDRICHS, Georges FAVRE



### Steffi FRIEDRICHS

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### Georges FAVRE

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## 6th EU-Asia Dialogue on NanoSafety

# Breakout Groups – Presentations

✓ Group 2 Industrial Characterization Needs  
Patricia FARIAS, Pushplata SINGH, Gottlieb LINDNER



### Patricia FARIAS

Professor at Federal University of Pernambuco  
Department of Biophysics - Recife, PE, Brazil  
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## 6th EU-Asia Dialogue on NanoSafety

# Breakout Groups – Presentations

- ✓ Group 3 Characterization Facilities and Infrastructures  
Jörg RADNIK, Pavadee AUNGKAVATTANA



### Jörg RADNIK

Senior Scientist at the Federal Institute for Material Research and Testing  
Bundesanstalt für Materialforschung und -prüfung (BAM)  
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## 6th EU-Asia Dialogue on NanoSafety

# Breakout Groups – Presentations

- ✓ Group 4 Societal and Ethical Considerations – Policy Framework for Characterization  
Ineke MALSCH, Waluree THONGKAM, Eric BLEEKER



**Ineke MALSCH**

Director of Malsch TechnoValuation  
Utrecht, The Netherlands

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## 6th EU-Asia Dialogue on NanoSafety

# Closing Remarks

# Wrap-up – Announcement of 7<sup>th</sup> EU-Asia Dialogue

- ✓ **Alexander POGÁNY**, Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Austria
  
- ✓ **Wanee CHINSIRIKUL**, NANOTEC, Thailand, President of ANF
  - 7<sup>th</sup> INISS-nano web-meeting: Monday - Oct 2<sup>nd</sup>, 2023, 11-13 CET
  
  - 7<sup>th</sup> EU-Asia Dialogue on NanoSafety, Asia, 2024 (time and location tbd)

## 6th EU-Asia Dialogue on NanoSafety

# Dinner Invitation

✓ **Anke JESSE and Laura GROSS,**

Division “Nanoscale Advanced Materials, OECD Chemicals Policy”, German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection

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*Thank  
you!*