

REGIONAL LEADERS SUMMIT

RLS-Sciences Conference

18-21 September, 2022

Haus der Bayerischen Landwirtschaft, Herrsching, Bavaria

Overall Programme

From 15:00	<p>Sunday, 18 September</p> <p>Arrival Participants arrive on-site Check in for overnight guests <i>Haus der Bayerischen Landwirtschaft</i> <i>Rieder Str. 70, 82211 Herrsching am Ammersee</i></p>
18:00- 18:30	<p>Welcome Words from the Regions and from RLS-Sciences Stefan SCHUMANN, Head of Unit International Relations, Southeastern Europe, Alpine Region, and North America, Bavarian State Chancellery, Bavaria Elisa VALENTIN, Déléguée générale du Québec à Munich, Québec Dr. Sebastian GOERS, Energieinstitut an der JKU Linz and RLS-Sciences president, Upper Austria Dr. Florence GAUZY, Scientific Coordination Office Bavaria-Québec/Alberta/International and Lead Management Partner RLS-Sciences, Bavaria Regina KISTLER, Haus der Bayerischen Landwirtschaft, Bavaria <i>Großer Saal</i></p>
18:30- 19:30	<p>Dinner</p>
19:30- 20:10	<p>Keynote ● Prof. Dr. Dr. h.c. Julian NIDA-RÜMELIN, Staatsminister a.D., Direktorium at BIDT and Professor emeritus at LMU, Bavaria <i>DIGITAL HUMANISM</i> <i>Großer Saal</i></p>
07:30- 08:30	<p>Monday, 19 September</p> <p>Breakfast</p>
08:30- 09:30	<p>Opening Session (Joint Session)</p> <p>Opening Remarks: Melanie HUML, Bavarian Minister for European and International Relations, Bavaria (per video) Dr. Florence GAUZY, Scientific Coordination Office Bavaria-Québec/Alberta/International and Lead Management Partner RLS-Sciences, Bavaria Dr. Sebastian GOERS, Energieinstitut an der JKU Linz and RLS-Sciences president, Upper Austria Prof. Kodjo AGBOSSOU, Université du Québec à Trois-Rivières and RLS-Sciences vice-president, Québec Prof. João AZEVEDO, São Paulo Research Foundation and RLS-Sciences vice-president FAPESP, São Paulo</p>

Thought Leadership

Prof. Dr. med. Thomas KRÖNCKE, MBA, Director of Diagnostic and Interventional Radiology, Augsburg University Hospital
DIGITAL HEALTH IN THE UNIVERSITY HOSPITAL: PERSPECTIVES FROM THE NEW BAVARIA-WIDE ONCOLOGICAL RADIOLOGY NETWORK "BORN"

Großer Saal

09:30-10:30

Parallel Thematic Group Sessions

<p>Energy Network Welcome, Introduction and Definition of Main Goals for this Conference // Possibility for 5-min pitch talks on collaborative research ideas <i>Seminarraum 3</i></p>	<p>Global Aerospace Campus Introduction to the Global Aerospace Campus // Round-table with introductory pitch talks <i>Seminarraum 1</i></p>	<p>Small Satellites Introductory Presentations <i>Seminarraum 4</i></p>	<p>Digital Health Initiative Introduction of all participants, Presentation of the scope of the DHI, what has been achieved so far, Presentation of the DHI program <i>Seminarraum 2</i></p>	<p>Expert Dialogue on Digitalization With Digital Health <i>Seminarraum 2</i></p>
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10:30-11:00
 11:00-12:00

Coffee Break

Parallel Thematic Group Sessions

<p>Energy Network Regional presentations: Latest Information on Climate Futures and an Update on Mitigation and Adaptation Strategies (in the Energy sector and beyond) <i>Seminarraum 3</i></p>	<p>Global Aerospace Campus GAC – The way forward: Discussions about future online courses, GAC events, and joint publications <i>Seminarraum 1</i></p>	<p>Small Satellites Ground Station Network – Presentations and Discussions <i>Seminarraum 4</i></p>	<p>Digital Health Initiative Regional Presentations: "Methods in Digital Health" - "Data Handling and Ethics", "Digital Medical Applications" and "Big Data in Public Health" <i>Seminarraum 2</i></p>	<p>Expert Dialogue on Digitalization With Digital Health <i>Seminarraum 2</i></p>
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12:00-13:30

Lunch

13:30-15:00

Parallel Thematic Group Sessions

<p>Energy Network Regional presentations: the current state and latest expectations & challenges for regional energy transitions in the partner regions, with discussion <i>Seminarraum 3</i></p>	<p>Global Aerospace Campus Please refer to 4th Global Aerospace Summit Programme (Arthotel)</p>	<p>Small Satellites Data User Community – Presentations and Discussions <i>Seminarraum 4</i></p>	<p>Digital Health Initiative Regional Presentations: "Health Uses Cases" - "Demographics and the ageing society", "Surgery and robotics", "Oncology and cancer prevention", "Rare diseases/Neurodegenerative diseases" <i>Seminarraum 2"</i></p>	<p>Expert Dialogue on Digitalization With Digital Health <i>Seminarraum 2</i></p>
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15:00-16:00

Networking Walk with Prof. Ralf Ludwig (Joint Session)

Participants will go for a walk in Herrsching

16:00-
16:30
16:30-
17:30

Coffee Break

Challenge Session Panel (Joint Session)

 *DATA SHARING ACROSS BORDERS: INTERNATIONAL DATA ECOSYSTEMS*

Moderation:

Prof. Yves JOANETTE, Université de Montréal, Québec

Speakers:

Prof. Dr. Bjoern ESKOFIER, FAU, Bavaria

Prof. Michaël CHASSÉ, CRCHUM, Québec (tbc)

Comments: Representatives from other thematic groups

Presentation of a challenge in the field (ideally semi-oriented towards policy), with a moderated exchange on approaches to the challenge based on existing research, how to investigate solutions, what is missing, what exists but isn't implemented.

Großer Saal

18:00-
19:30

Dinner

19:30-
20:10

Thought Leadership Keynote

 Prof. Dr. Ulrike LECHNER, Universität der Bundeswehr München

PROTECTING CRITICAL INFRASTRUCTURE IN THE FACE OF NEW THREATS: CYBERATTACKS, CLIMATE CHANGE, AND MORE

Großer Saal

Tuesday, 20 September Breakfast

07:30-
09:00
09:00-
10:30

Parallel Thematic Group Sessions

Energy Network

Conference style presentations on latest news in renewable energy systems in the partner regions (novel technical development and innovation, ongoing projects, research ideas, etc.; particular interest for: hydrogen-related activities and resilience)

Seminarraum 3

Global Aerospace Campus

Please refer to 4th Global Aerospace Summit Programme (Arthotel)

Small Satellites

With Global Aerospace Campus at the 4th Global Aerospace Summit (Arthotel)

Digital Health Initiative

“Digital Health x Global Change” – Development Session: Developments and visions to address challenges of a globally changing world for/in/by digital health projects (e.g. novel methods for predicting health regional challenges related to climate change, increasing the energy safety in health care)

Seminarraum 2

Expert Dialogue on Digitalization

With Digital Health

Seminarraum 2

10:30-
11:00

Coffee Break

11:00-
12:00

Parallel Thematic Group Sessions

Energy Network Conference style presentations on latest news in renewable energy systems in the partner regions (novel technical development and innovation, ongoing projects, research ideas, etc.) <i>Seminarraum 3</i>	Global Aerospace Campus Please refer to 4th Global Aerospace Summit Programme (Arthotel)	Small Satellites With Global Aerospace Campus at the 4th Global Aerospace Summit (Arthotel)	Digital Health Initiative “What are the major challenges for successful collaboration in digital health – and what are possible solutions” – Challenges Panel Session <i>Seminarraum 2</i>	Expert Dialogue on Digitalization With Digital Health <i>Seminarraum 2</i>
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12:00-
13:30

Lunch

Welcoming Words:

Christian SCHILLER, Mayor of Herrsching, Bavaria

13:30-
15:30

Exploration Session Panel (Joint Session)

 *DECARBONIZATION FOR HEALTH: INTERACTION BETWEEN THE ENERGY TRANSITION AND HEALTHCARE SYSTEMS*

Moderation:

Dr. Robert TICHLER, Managing Director, Energieinstitut an der JKU Linz, Upper Austria

Speakers:

Prof. Dr. Moritz ZAISS, University Hospital Erlangen, Bavaria
 Dr. Sebastian BICKELHAUPT, University Hospital Erlangen, Bavaria
 Prof. Louis GOSSELIN, Université Laval, Québec (tbc)

Interdisciplinary exchange for one hour on a shared “problem”, with the goal to explore the problem from multiple angles and perspectives.

Großer Saal

15:00-
15:30
15:30-
16:30

Coffee Break

Parallel Thematic Group Sessions

Energy Network Moderated session on collaborative research ideas and common targets for the RLS-Energy Network for 2022/2023 <i>Seminarraum 3</i>	Global Aerospace Campus Please refer to 4th Global Aerospace Summit Programme (Arthotel)	Small Satellites With Global Aerospace Campus at the 4th Global Aerospace Summit (Arthotel)	Digital Health Initiative White paper “hackathon” for „Working title: Challenges for international collaboration in digital health projects” (45 min) - Collecting ideas from digital health projects in international collaborations (brainstorming, all) Summary and next steps for the digital health initiative <i>Seminarraum 2</i>	Expert Dialogue on Digitalization With Digital Health <i>Seminarraum 2</i>
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16:30-
17:30

Discovery Networking (Joint Session)

Welcoming Words:

Dr. Rainer HUTKA, Director General European and International Affairs, Coordination Covid-Response, Bavarian State Chancellery, Bavaria

Moderation:

Prof. Ralf LUDWIG, LMU, Bavaria

Speakers:

Dr. Sebastian FENDT, TUM, Bavaria

Dr. Andrzej LIEBERT, University Hospital Erlangen, Bavaria

Prof. Philippe DESPRÉS, Université Laval, Québec

Presentation of researchers and their work in short "pitch" style presentations, with the aim to support networking.

Großer Saal

18:00-
19:30

Dinner

19:30-
20:10

Thought Leadership Keynote

 Prof. Dr. Dieter KRANZLMÜLLER, Chair of the Board of Directors, Leibniz Supercomputing Centre of the Bavarian Academy of Sciences and Humanities, Bavaria

HIGH PERFORMANCE COMPUTING AT LRZ FOR EMERGING RESEARCH TOPICS IN RLS-SCIENCES

Großer Saal

07:30-
08:30

Wednesday, 21 September

Breakfast

08:30-
09:30

Resources and Development Working Session (Joint Session)

Panel with contributions of the regional coordinators:

Moderation:

Dr. Peter FREIER, Québec

Speaker:

Dr. Florence GAUZY and Fiona RUMOHR, Bavaria

Véronique BARIL and Prof. Kodjo AGBOSSOU, Québec

Prof. João AZEVEDO, São Paulo

Michael SECKLEHNER and Dr. Sebastian GOERS, Upper Austria

Participants: Overall Management Group and interested researchers

Großer Saal

In parallel as needed: Project Development Working Sessions

09:30-
10:00

Coffee Break

10:00-
11:00

Funding Opportunities (Joint Session)

Fiona RUMOHR, Scientific Coordination Office Bavaria-Québec/Alberta/International, Bavaria

Dr. Irma de MELO-REINERS and Poliana SATTler, BAYLAT, Bavaria
 Prof. Janice BAILEY, Scientific Director, FRQ-NT, Québec
 Prof. Loïc BOULON, Director, RQEI, Québec
 Prof. João AZEVEDO, São Paulo Research Foundation FAPESP, RLS-Sciences vice-president, São Paulo

Großer Saal

11:00-
11:30

Summary and Next Steps (Joint Session)

Dr. Sebastian GOERS, Energieinstitut an der JKU Linz, RLS-Sciences president, Upper Austria
 Prof. Kodjo AGBOSSOU, Université du Québec à Trois-Rivières, RLS-Sciences vice-president, Québec
 Prof. João AZEVEDO, São Paulo Research Foundation FAPESP, RLS-Sciences vice-president, São Paulo
 Dr. Florence GAUZY, Scientific Coordination Office Bavaria-Québec/Alberta/International, lead management partner RLS-Sciences, Bavaria

Großer Saal

11:30-
12:00

Closing Session (Joint Session)

Speakers:

Michael HINTERDOBLER, Director of European and International Relations, Bavarian State Chancellery, Bavaria
 Michael SECKLEHNER, Government of Upper Austria, Upper Austria
 Video Contribution (TBC), Shandong

Großer Saal

12:00-
13:00

Joint Closing Lunch

13:00

Departure and Site Visits

13:15 Departure for those joining the Site Visit to Munich Aerospace

13:15 Departure for those joining the Site Visit to Garching, visiting the Leibnitz Supercomputing Center (LRZ) and the TUM facilities:

14:30 – 16:00 LRZ (SuperMUC-NG, Cave)

16:00 – 17:30 TUM facilities, Chair of Energy Systems