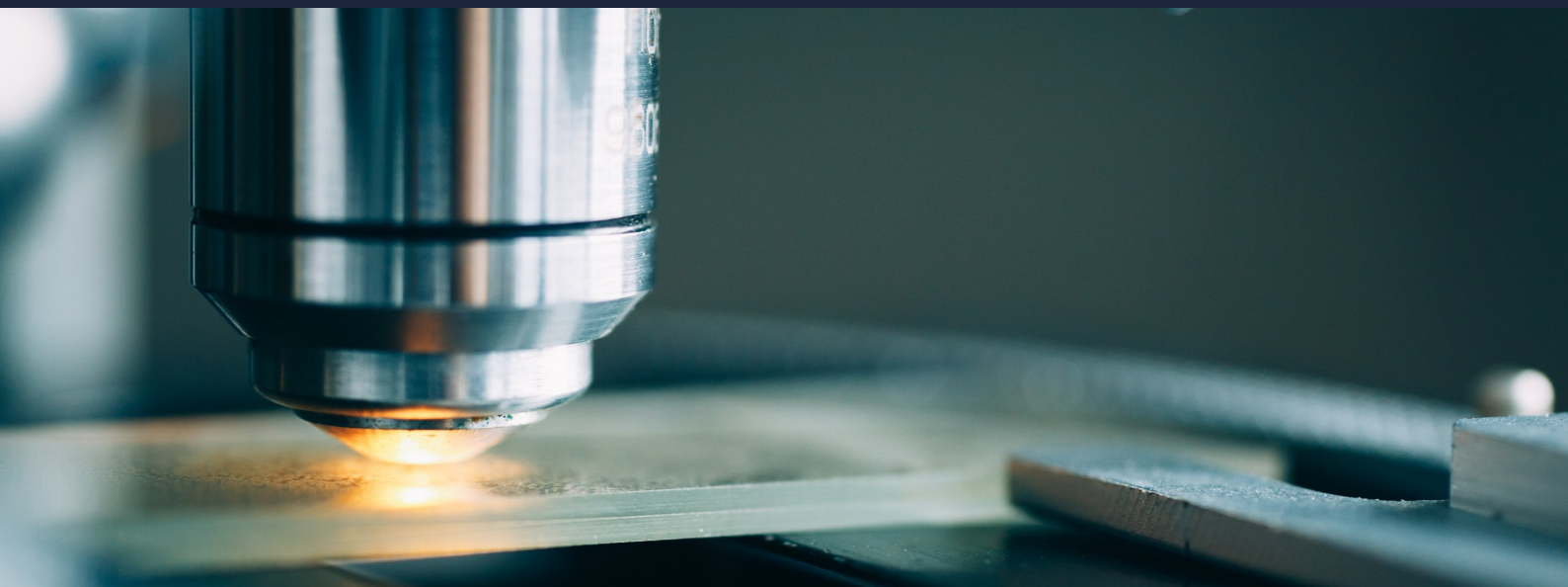


RLS-SCIENCES

SUMMER SPECIAL EDITION



RLS-SCIENCES SUMMER

17 SEPTEMBER, 2021

Since the June RLS-Sciences Online Conference 2021, where our network met together for five days to explore the topic, "Data as a Resource for the Regions", RLS-Sciences and its members have been hard at work.

RLS-Sciences members Prof. Schilling and Prof. Agbossou were honoured with scientific and academic awards. RLS-Sciences partner institutions Energy Technology Centre and Medical Technology Cluster were both recognized with institutional awards.

In parallel, the RLS-Sciences management team has been working to bring our multilateral, multiregional science initiative to different forums and platforms. RLS-Sciences president, Dr. Sebastian Goers, says: "Current global challenges are addressed via the interface of science and policy on the regional level. The successes and advancement of the multiregional and multilevel collaboration of RLS-Sciences are clearly visible."

We invite you to review this special edition, and to celebrate with us the summer successes of RLS-Sciences and its members.

- Fiona Rumohr, RLS-Sciences Management Team

RLS-SCIENCES SUMMER
SPECIAL NEWSLETTER

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RLS-SCIENCES CONGRATULATES:

KLAUS SCHILLING

In recognition of his outstanding achievements in the development of small satellites, the German Aerospace Society (DGLR) has awarded Prof. Klaus Schilling with the 2020 Eugen-Sänger-Medal. The prize, which is considered the most important German award in the space sector, has only been awarded 26 times since its creation in 1965.

According to DGLR President Prof. Rolf Henke, "From the very beginning, Professor Schilling has recognised and promoted the importance of interdisciplinary technological cross-fertilization between computer science, automation, software development, and robotics. His satellites impressively reflect this interaction of different components".

Prof. Schilling is the lead scientist for the RLS-Small Satellites project.



Photo Credit: Informatik VII / Universität Würzburg, 2021

RLS-SCIENCES CONGRATULATES:

KODJO AGBOSSOU

Prof. Kodjo Agbossou has been admitted to the University of Québec's Circle of Excellence.

This honour was awarded to him in recognition of his leadership qualities, the excellence of his work, and his exceptional contributions to the field of engineering, particularly in the management and integration of storage systems for alternative energy sources. Only ten appointments to the Circle of Excellence take place each year.

In his tribute, Rector Christian Blanchette underlined the audacity, the vision, and the determination of Prof. Agbossou as a pillar of the Hydrogen Research Institute, referencing in addition his international cooperation work.

Prof. Agbossou is the vice-president of RLS-Sciences, and member of the RLS-Energy Network.



Photo Credit: University of Québec, 2021



Photo Credit: IHK Niederbayern, 2021

RLS-SCIENCES CONGRATULATES: ENERGY TECHNOLOGY CENTRE

The Lower Bavarian Chamber of Industry and Commerce (IHK) has honoured the Energy Technology Center (TZE) with the 2020 Cross Border Award for its cooperation in Lower Bavaria-Upper Austria-South Bohemia. TZE at Landshut University of Applied Sciences won for its work in the CompStor and FSTORE projects, each of which established cross-border centres of excellence for innovation and research on the energy supply of the future.

The projects demonstrate "cross-border bridge-building from science with an impact on business practice in the three-country region," according to the IHK's laudatory speech.

Dr. Reinhart Schwaiberger and the TZE are partners in the RLS-Energy Network.

RLS-SCIENCES CONGRATULATES:

BIZ-UP MEDICAL TECHNOLOGY CLUSTER

The Austrian Federal Ministry for Digital and Economic Affairs selected the Medical Technology Cluster (MTC) of Business Upper Austria as cluster award winner in the category for "Research and Innovation".

"The Medical Technology Cluster, led by Nora Mack as Cluster Manager, is a prime example of sustainable cluster work. With the MED initiative there is also an internationally visible lighthouse project. MED UP brings together business, research, health, and education in Upper Austria," said Markus Achleitner, Upper Austria's Minister for Economic Affairs and Research. The lead project of the cluster is MEDUSA, a hybrid neurosurgical simulator.

Nora Mack and the MTC are members of the RLS-Expert Dialogue on Digitalization and the RLS-Digital Health Initiative.



Photo Credit: Land OÖ / Sabrina Liedl, 2021

RLS-SCIENCES CONTRIBUTES:

RLS-ENERGY NETWORK PUBLISHES NEW PAPER

Coordinated by Laval University and including authors from all seven RLS partner regions, the article "Smart Campuses: Extensive Review of the Last Decade of Research and Current Challenges" has been published in IEEE. The review assesses 182 publications from 2010 to 2020 and identifies seven aspects of "smartness" for smart campuses.

[Read the review in IEEE here \(open access\).](#)

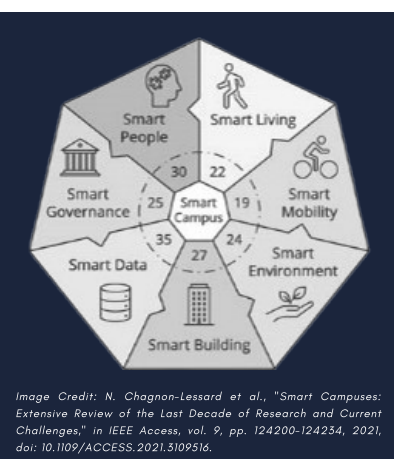


Image Credit: N. Chagnon-Lessard et al., "Smart Campuses: Extensive Review of the Last Decade of Research and Current Challenges," in IEEE Access, vol. 9, pp. 124200-124234, 2021, doi: 10.1109/ACCESS.2021.3109514.

RLS-SCIENCES CONTRIBUTES:

RLS-SCIENCES AT INGSA 2021

The RLS-Sciences management team was pleased to contribute at the International Network for Government Science Advice (INGSA) 2021 Conference: Build Back Better. INGSA is a Québec-driven, international network in science advice and science diplomacy.

The RLS-Sciences network was invited to be a part of a special 'Innovations in Science Advice' session.

The RLS-Sciences contribution was streamed online at INGSA 2021, and remains available via YouTube (24:12).



RLS-SCIENCES AS OPSI-OECD CASE STUDY

RLS-Sciences as a multilateral, multiregional science initiative has been selected as a case study for the "2021 Call for Innovations". The 2021 call, launched jointly by the OECD Observatory of Public Sector Innovation (OPSI) and the UAE Mohammed Bin Rashid Centre for Government Innovation (MBRCGI), focused specifically on innovation in cross-border collaboration. OPSI is a global forum for public sector innovation.

WHAT'S NEXT FOR RLS-SCIENCES:

RLS-GLOBAL AEROSPACE CAMPUS AT MTL CONNECT

MTL Connect is an international event that aims to look across the board at the main questions related to digital development, focusing on its economic, social, cultural, and environmental impacts in various sectors of activity. The RLS-Expert Dialogue on Digitalization was invited to present in the 2020 edition. The RLS-Sciences network is pleased to contribute once again in 2021 with the RLS-Global Aerospace Campus.

On 14 October, a panel discussion will include senior experts from Bavaria, Georgia, Québec, and São Paulo on "Advanced Urban Air Mobility".



<MTL> CONNECT
A Montreal Digital Spring Event