

Взаимодействие с Международным статистическим институтом (ISI)

**Зарова Е.В., д.э.н, проф., член Совета Международного
статистического института**



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Statistical
Institute

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Statistical Science for a Better World

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Statistical Science for a Better World

The International Statistical Institute (ISI) is the one and only outstanding independent international statistical organization.

ASSOCIATIONS

7

COMMITTEES

21

COUNTRIES

150

YEAR OF ESTABLISHMENT

1885

Our Mission & Strategy

Statistical Science for a Better World

The International Statistical Institute's mission is to lead, support and promote the understanding, development and good practice of statistics worldwide, by providing the core global network for statistics.

- Миссия Международного статистического института состоит в том, чтобы поддерживать и продвигать понимание, развитие передовой практики статистики во всем мире, предоставляя основную глобальную сеть для статистики.

ISI Early History (<https://isi-web.org/>)



- 1853: First in series of conferences initiated by Adolphe Quetelet
- 1885: ISI officially founded in London
 - Initial members: 81 top statisticians from government and academia



МСИ - независимая международная статистическая организация

«Международный статистический институт (МСИ) является некоммерческой неправительственной организацией.»

-
- *МСИ не имеет себе равных по своему глобальному охвату среди статистиков и тех, кто интересуется статистикой.*
- *МСИ является ассоциацией, которая сотрудничает со многими международными и национальными организациями, включая национальные статистические общества, уделяя особое внимание организациям в развивающихся регионах мира или поддерживающим их.*
- *Большинство национальных статистических служб и многие центральные банки представлены в сети институциональных и корпоративных членов ISI.*



С 1949 года МСИ имеет консультативный статус при Экономическом и Социальном Совете Организации Объединенных Наций (ЭКОСОС)»

Асоциацији МСИ



SINCE 1975

Bernoulli Society (BS)



SINCE 1985

**International Association for
Official Statistics (IAOS)**



SINCE 1977

**International Association for
Statistical Computing (IASC)**



SINCE 1991

**International Association for
Statistical Education (IASE)**



SINCE 1973

**International Association of Survey
Statisticians (IASS)**



SINCE 2005

**International Society for Business
and Industrial Statistics (ISBIS)**



SINCE 2008

**The International Environmetrics
Society (TIES)**

ISI Family of Associations



- **1885: International Statistical Institute**
- 1973: International Association of Survey Statisticians
- 1975: Bernoulli Society for Mathematical Statistics & Probability
- 1977: International Association for Statistical Computing
- 1985: International Association for Official Statistics
- 1991: International Association for Statistical Education
- 2005: International Society for Business and Industrial Statistics
- 2008: The International Environmetrics Society

Special Interest Groups – группы по профессиональным и научным интересам

Current SIGs

- Committee on **Agricultural** Statistics
- **Astrostatistics** Special Interest Group
- Special Interest Group on **Communicating** Statistics and Data Science
- Special Interest Group on **Data Science**
- Committee on the **History** of Statistics
- Committee on **Risk Analysis**
- Special Interest Group on **Sports** Statistics
- Committee on **Women** in Statistics
- **Young Statisticians** Committee

Activities and Benefits



- Conferences
- Publications (International Statistical Review, Stat)
- Awards (Founders of Statistics Prize, Mahalanobis, Jan Tinbergen)
- Promotion of Professional Ethics
- Collaborations with UNSD and participation in UNSC
- Statistical Capacity Building
- Communications and Networking with International Communities
- Regional Statistics Conferences (KL, Bali, more post-COVID)



64th ISI World Statistics Congress

The ISI World Statistics Congresses (WSC) takes place once every two years in different countries and cities/venues. Though the ISI organizes them, we work closely with the country's National Statistics Office and Society.

Upcoming WSC

Join WSC 2023 in Ottawa



Monday, 17 July 2023

Programme

Welcome to the ISI WSC 2023 Scientific Programme.

08:30 – 09:40 Aspects of official statistics II CPS

08:30 – 09:40 Clustering CPS

08:30 – 09:40 Disease and mortality

08:30 – 09:40 International Prize in Statistics Lecture SIPS

08:30 – 09:40 Environmental statistics

10:00 – 12:00 Advanced Bayesian Computation IPS

08:30 – 09:40 Finance and business statistics

10:00 – 12:00 Bayesian modelling and Implementation of longitudinal gene expression data

08:30 – 09:40 Impact of covid III

10:00 – 12:00 Challenges of modernizing the production systems in official statistics

08:30 – 09:40 Bernoulli Journal SIPS

08:30 – 09:40 Statistical estimation II

10:00 – 12:00 Data Accounting for Twenty-First-Century Economic Statistics

08:30 – 09:40 IASC Presidents Invited Session SIPS

08:30 – 09:40 Statistical methodology

10:00 – 12:00 Data Science and Statistics: Challenges and opportunities within the ISI

08:30 – 09:40 IASE Presidents Invited Session SIPS

08:30 – 09:40 Statistical modelling V

10:00 – 12:00 Emerging and Disruptive Technologies: The Role of Data in Transforming the Defence, Security and Safety Sector

08:30 – 09:40 IASS Presidents Invited Session SIPS



10:00 – 12:00 Food sovereignty in times of crisis: challenging the statistical system

08:30 – 09:40 ISBIS Gosset Lecture SIPS

10:00 – 12:00 Geomatics/geospatial innovations in statistical programs

08:30 – 09:40 ISI Founder of Statistics Prize Lecture SIPS

08:30 – 09:40 Statistical Societies Presidential Lectures SIPS

08:30 – 09:40 TIES Presidents Invited Session SIPS

Courses & webinars

Online courses (3) Short courses (0) **Webinars (12)** Workshops (0)

05 Apr 2023

**Join Free – ISI Regional Webinar
#3: Focus on Africa**



26 Apr 2023

**IASS Webinar 28: The Production of
Microdata on Household Income,
Consumption and Wealth at ISTAT:
Experiences, Methods,
Perspectives**



31 May 2023

**IASS Webinar 29: Fitting
Classification Trees to Complex
Survey Data**



31 May 2023

IASS Webinar 29: Fitting Classification Trees to Complex Survey Data

Date	31 May 2023
Level of instruction	Intermediate
Instructor	Jean Opsomer
Registration fee	Free of charge

REGISTER FOR FREE



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SIGNIFICANCE

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Migration of the journal archives from Wiley to OUP is ongoing, in the meantime all content remains available on [Wiley Online](#)



Latest Issue

Volume 20, Issue 2

April 2023

Editor

Anna Britten

[Editorial Board](#)

About *Significance*

Significance is a bimonthly magazine for anyone interested in statistics and the analysis and interpretation of data. It aims to communicate in an entertaining, thought-provoking, and non-technical way the practical use of statistics.

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**Statistical Research
on Coronavirus
Disease (COVID-19)**

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Volume 91, Issue 1

Pages: 1-164

April 2023



J D S S V

***Journal of Data Science, Statistics,
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Other organisations

These are all open access.

- Statistics Surveys
- Probability Surveys
- Stats + Stories Podcast
- Electronic Journal of Statistics
- Electronic Journal of Probability
- Electronic Communications in Probability

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Electronic Journal of Statistics

Publisher: Institute of Mathematical Statistics and Bernoulli Society

The *Electronic Journal of Statistics* (EJS) publishes research articles and short notes in theoretical, computational and applied statistics.

Current Issue

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FEATURED CONTENT

SCOPE & DETAILS

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Most Read Articles

Projective inference in high-dimensional problems: Prediction and feature selection
Juho Piironen, et al. (2020)  Open Access

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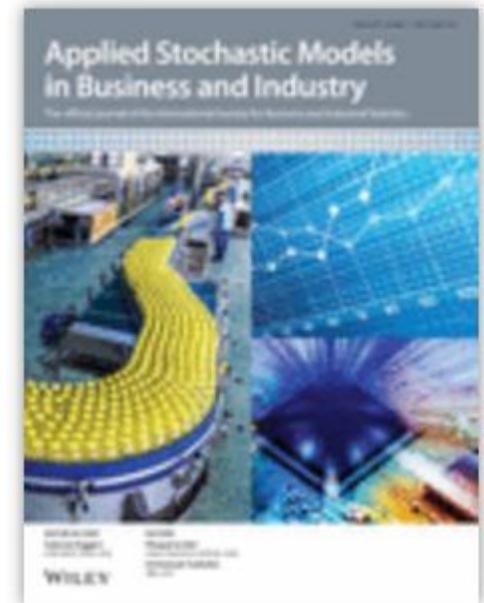
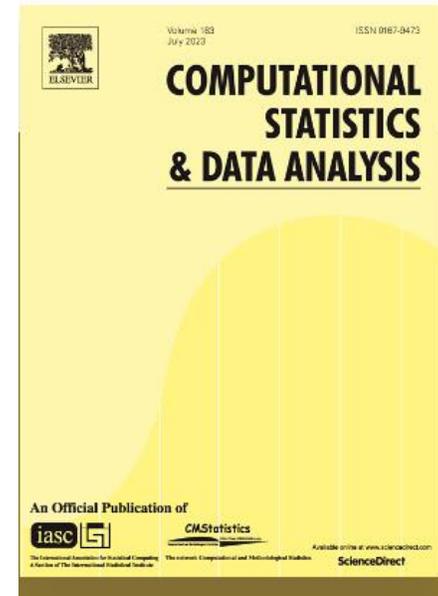
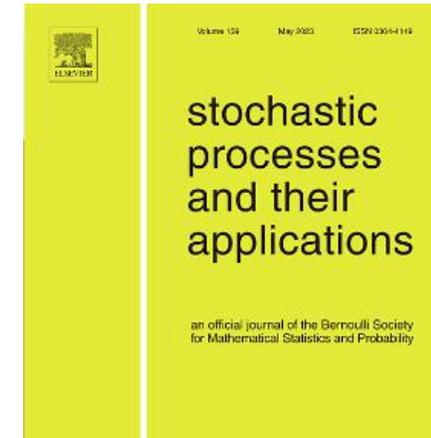
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ISI's Associations

These journals each focus on the particular areas of statistical interest of the Association.

- TIES: Environmetrics
- IASS: The Survey Statistician
- IASC: Computational Statistics and Data Analysis (CSDA)
- ISBIS: Applied Stochastic Models in Business and Industry (ASMBI)
- IAOS: Statistical Journal of the International Association for Official Statistics (SJIAOS)
- Bernoulli Society: Bernoulli Journal (BJ) & Stochastic Processes and their Applications (SPA)
- IASE: International Statistical Literacy Project Newsletter & Statistics Education Research Journal (SERJ)





INTERNATIONAL STATISTICAL LITERACY PROJECT



A PROJECT OF THE IASE AND ISI

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PUBLICATIONS

- Newsletters
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- Other IASE publications ↗

NEWSLETTERS

- Vol 14.2 December 2022
- Vol 14.1 August 2022
- Vol 13.2 December 2021
- Vol 13.1 July 2021
- Vol 13.1 December 2020
- Vol 12.1 May 2020
- Vol 11.1 December 2019
- Vol 10.2 December 2018
- Vol 10.1 April 2018
- Vol 9.2 December 2017



Statistical and Data Literacy in Policy-Making

Gaby Umbach*



We live in times of post-factual argumentation, partisan communication, and at times blatantly one-sided political reasoning. These trends prepare the ground for contested politics in which trust in policymaking critically depends on transparent, legitimate and accountable political decisions. In these trying times, the transparency, legitimacy, and accountability of political decisions and the use of factual evidence are essential ingredients of successful policy interventions. Over the past three years, the COVID-19 pandemic offered an outstanding example for these developments.

The above-mentioned ingredients are not only essential in times of crisis and decision-making under uncertainty. Reliable factual evidence is an essential resource for governing by knowing. In modern times, contemporary policy design starts and ends with it. Statistics and data are one of the most visible forms of factual quantitative evidence by which political decisions should be informed. In this sense, they are essential instruments of politics and collective political action. They are used to define policy problems and to evaluate the impact of policies. They help monitor policy success and failure. They serve as a collective memory on the progress of societies. In this way, they increase the quality of policymaking, legislation, and implementation of policies, and help correct perceptions, support preference-building and back channel formation within politics.

In informing policy design and development, statistics and data take over multiple functions. They measure and compare performance and progress, evaluate, and assess policies, and open decision-making to scrutiny

and control, helping to hold decision-makers to account. Data support strategic and policy planning, set common goals, increase transparency of decision-making, and serve instrumental conceptual and factual purposes. With this multidimensional character, statistics and data have become the renewable energy of 21st century evidence-informed democratic policymaking, in which they play a special role for public policy choices.

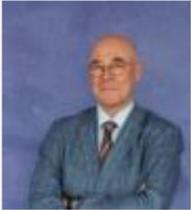
Especially with official statistics, we appreciate the reality of our societies in a standardized way to support comparability across countries and time. Insights from such comparisons are relevant for policy-making across all political levels, from the local to the global. The power of statistics for global development is particularly visible in the United Nations Inter-Agency and Expert Group on SDG Indicators and the UN Global Indicator Framework. The latter makes indicators the default monitoring instrument for global policy change by tracking the implementation of the UN Sustainable Development Agenda.

The functions of statistics entered their stage in politics beyond pure measurements. They make numbers perform qualitatively and serve strategic, symbolic, and political interests of actors, such as statistical leadership, advocacy, and agenda-setting. Their production and use create policy narratives and political power structures. The latter emerge from the use of statistics in politics that reflects normative decisions which are open to contest over the definition, choice, and quality of the quantitative evidence at hand. Both politicians and public officials who request, select, evaluate, transmit, and process statistics and data therefore need to understand, be able to work with, analyze and argue with statistics and data. These aspects have become essential challenges for politicians working in public policy-making, analysis, evaluation, and scrutiny.

ISLP Newsletter is the newsletter of the International Statistical Literacy Project of the IASE – the International Association for Statistical Education. Editor: Stephanie Brähler (s.brähler@iase-gwi.org), Elke Fuchs-Finkler (E.Fuchs-Finkler@iase-gwi.org), Peter Gahr (p.gahr@iase-gwi.org), John Achen (j.achen@iase-gwi.org), Adriano D’Amelio (d.amelio@iase-gwi.org), Wilco van de Geer (w.vandegeer@iase-gwi.org), Lucinda Miller (l.miller@iase-gwi.org)

Vol 14.2 December 2022

Editor-in-Chief



Pieter Everaers

The Statistical Journal of the IAOS: Редакционный совет



Michelle Connolly, Special Population Groups

Jean-Michel Durr, Population and Housing Censuses

Fazel Famili, Methodology

Peter Hackl, Methodology and Quality

Gemma van Halderen, Strategic and Managerial Issues of Official Statistics/Ethics

Hossein Hassani, Artificial Intelligence, Machine Learning, Big Data Research

Ivo Havinga, Business Statistics and International Trade Statistics, Macro-economic Accounts, Change Management

Megan Price, Human Rights

Nidal Rashid Sabri, Economy and Finance

Aurel Schubert, Government Finance Statistics/National Accounts

Denise Silva, Methodology

Rosanna Verde, Data Science and Classification and Prediction Methods

Michael Yang, Survey Methodology; Statistical Disclosure

Linda Young, Agricultural Statistics/Methodology

Wesley Yung, Science, Technology and Digital Society

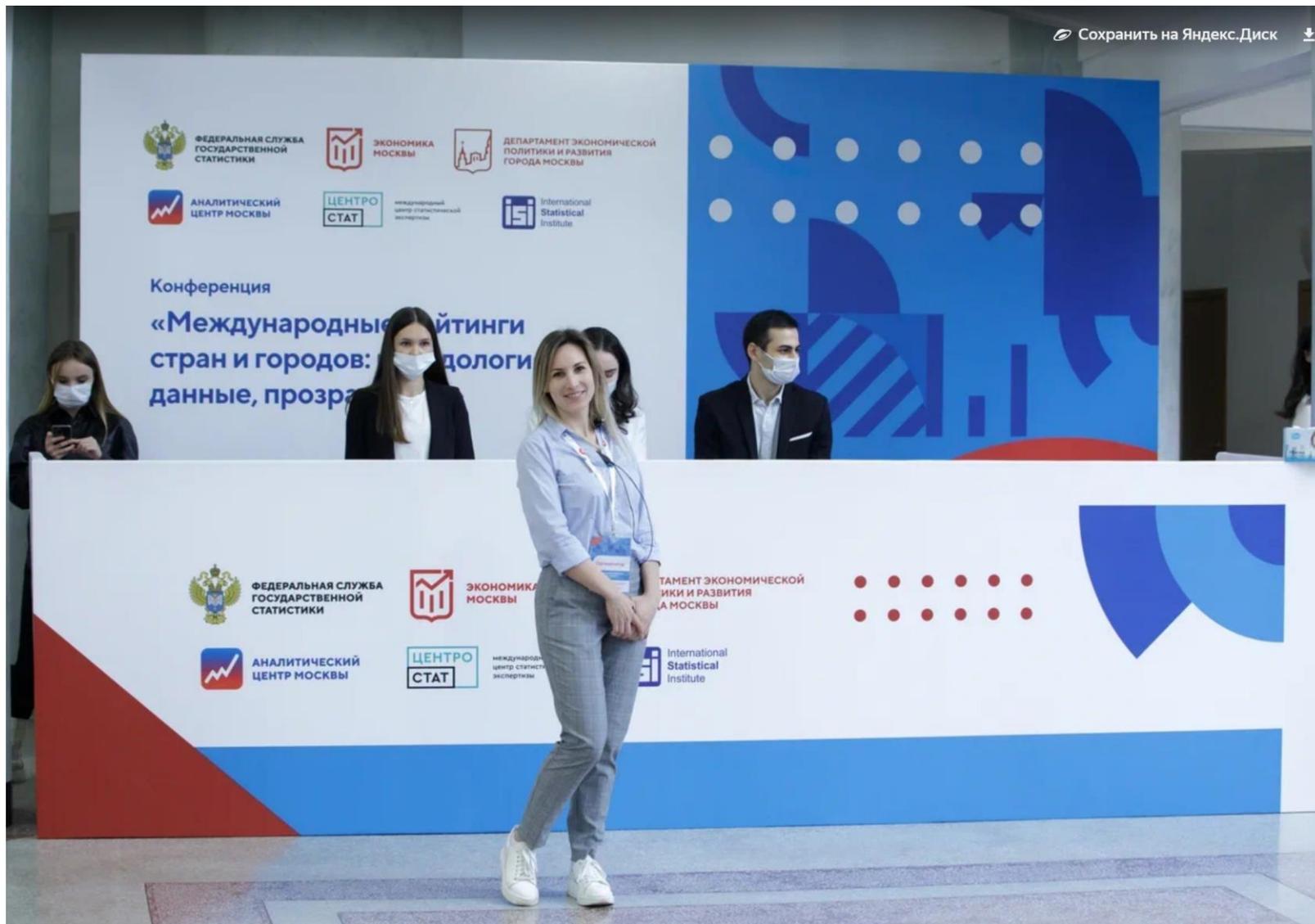
Elena Zarova, General and Regional Statistics/Economic statistics

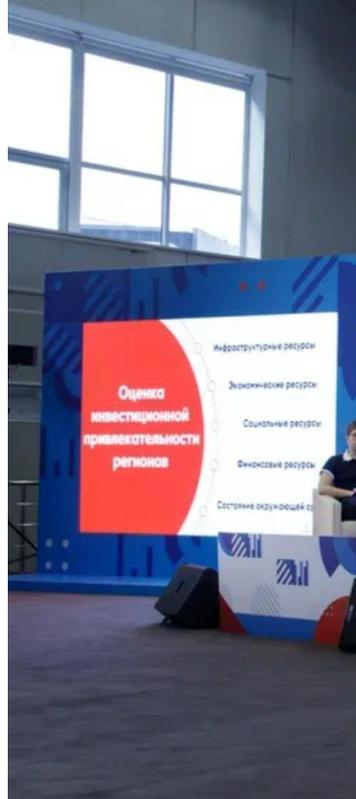
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Конференции под эгидой МСИ (2020)









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2023 First Round Newly Elected Members

21 March 2023



Направления сотрудничества по взаимодействию с ISI

- Проведение совместных научных и научно-практических международных конференций, круглых столов, мастер-классов с размещением на сайте ISI и приглашением членов ISI к участию
- Совместные публикации в журналах ISI, организация продвижения статей
- Международная рекомендация на статусы elected, regular members

Кооперация:

- РАС,
- Члены ISI от России и стран СНГ,
- Комитеты госстатистики стран СНГ,
- Другие заинтересованные лица и организации

Спасибо за внимание!

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Dr. Elena Zarova

ISI Council Member, Doctor of Economics,
Professor of Statistics, Honored Scientists of Russian Federation,
Chief Scientific Adviser in Plekhanov Russian University of Economics,
Deputy Head of Analytical Center by Moscow City Government.

Moderators

Dr. Maria Frolova

World Bank Consultant, FrolovaEDU director, Methodologist,
Specialist of Analytical Center by Moscow City Government

Elvira Dubravskv

TRAINING WORKSHOP
**DATA SCIENCE FOR
OFFICIAL STATISTICS**
USING R SOFTWARE

DAY 1

Topic Discussion

October 28, 2020

9:00 am - 2:00 pm (CET)

DAY 2

Output Presentation

October 29, 2020

9:00 am - 2:00 pm (CET)