



STI

ENID 2023

Event book

Programme & practical information

Colofon

In your hands rests the event guide for STI-ENID 2023, presented by The Centre for Science and Technology Studies (CWTS) in support of the Science, Technology, and Innovation Indicators conference in 2023. This event guide is provided at no cost to our esteemed conference participants and aims to equip you with all the essential insights and information to enhance your experience at this cutting-edge conference.

PUBLISHER

CWTS & STI-ENID 2023

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Dear STI-ENID participant,

It is with great pleasure that we welcome you to Leiden for the STI-ENID conference 2023. As a university, we are honored to have the opportunity to host such a distinguished group of international academics and professionals.

Leiden University has a long-standing commitment to fostering international cooperation through our student exchanges and innovative research collaborations with partners world-wide. Our belief in the ability of science to tackle the world's most urgent issues, from climate change to refugee crises, drives us to prioritize cross-cultural exchange and collaborative efforts. For centuries, our focus has been on producing knowledge that positively impacts society. We understand the significance of working together to create a safer, healthier, more sustainable, and equitable future for all.

In this respect, we appreciate very much CWTS, and its effort to enable discussion among scholars in Science and Technology Studies and related fields during this event as well as the knowledge creation during this event.

I am very much looking forward to meeting many of you in the coming days and I hope you thoroughly enjoy this STI-ENID conference and your time in Leiden.

With warmest regards,



Hester Bijl

Rector Magnificus, Leiden University



STI

ENID 2023



The conference is organised by CWTS in collaboration with the European Network of Indicator Developers (ENID). In this edition we intend to bring the best of physical and online meetings together at the Stadsgehoorzaal in downtown Leiden and through the online platform.

This annual conference is traditionally held every four years in Leiden. The 2023 edition focuses on improving scholarly evaluation practices in the light of cultural change. Contributions relate to more responsible, sustainable and transparent methods to assess academic work.

The Leiden Events Team will be on hand to welcome and assist you, including at the event registration table upon arrival. If you have any questions or require assistance during your stay, please email sti2023@cwts.leidenuniv.nl or ask a member of the Events team for help.

In this year's edition in Leiden, we introduce a couple of novelties or experiments. First of all, the open review process. All submissions were published from the start were provided with a DOI while each review was made openly available for readers as well. Thus, we did not need to publish proceedings in the traditional sense. All papers underlying presentations are openly available via the Orvium platform (<https://blog.orvium.io/orvium-cwts-collaboration/>). A second element is the ultimate experience of a hybrid conference. Each session and presentation is open and available for participants in person or online. We also encourage online participants to engage actively (via questions) in conversations. The service of our partner Flowsound is well prepared to manage this process. A large team of technicians is available during the meetings. It should be mentioned that all sessions are live-streamed, and no recordings are being made.

A final novelty to mention is the way CWTS organised the huge effort that is needed. The core team, Karin den Dulk, Thed van Leeuwen, Ed Noyons, Petra van der Weel and Henri de Winter were supported by the following people in 5 task forces, taking care of specific elements for the event:

Alex Rushforth, Andrea Reyes Elizondo, Anouk Spelt, Biegzat Mulati, Carey Chen, Carole de Bordes, Clara Calero Medina, Huilin Ge, Inge van der Weijden, Ismael Rafols, Jian Wang, Jonathan Dudek, Kwun Hang Lai, Leo Waaijers, Ludo Waltman, Marc Luwel, Qianqian Xie, Rong Ni, Verena Weimer, and Zeynep Anli.

Programme

In this event book we provide participants with the basic information about the conference and its programme. The currently available information about papers, posters and special sessions is processed in the programme presented on page 20 and 32.



We realize that plans may have changed since the printing of this book. We therefore refer you to the website of our conference (STI2023.org or scan the QR code) to check last-minute adjustments and corrections.



Wednesday 27 September

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| GROTE ZAAL | AALMARKTZAAL | BREEZAAL | JAN-WILLEM SCHAAFFOYER |
|---------------|--|---|--|
| 09:00 – 10:00 | Registration at entrance Stadsgehoorzaal | | |
| 10:00 – 11:00 | Opening and keynote Hester Bijl, Rector Leiden University Plenary in the Grote Zaal | | |
| 11:15 – 12:30 | Research funding - Policy CHAIR: BIRGER LARSEN Exploring the evaluation of inter- and trans-disciplinary research proposals: Lessons from Dutch research funding reform (JOCHEM ZUIJDERWIJK) Promoting the societal impact of research funding (CARTER BLOCH) What is a research Infrastructure? Commonalities and differences across science and policy, from mega-science to shared facilities (BENEDETTO LEPORI) | Journal publishing CHAIR: ANDRÉ BRASIL Editorial gatekeeping up and down the journal hierarchy (ANDREW HERMAN) The journal attention economy in China (JING WANG) Through the Secret Gate: A Study of Member-Contributed Submissions in PNAS (JENS-PETER ANDERSEN) | Social media - Twitter 1 CHAIR: NATALIJA TODOROVIC Do original tweets and retweets differ in indicating research impact across various subject areas in multidisciplinary papers published in PLoS? (ASHRAF MALEKI) Do You Cite What You Tweet? Contextualizing the Tweet-Citation Relationship (MADELAINE HARE) The Elon Musk Paradox: Quantifying the Presence and Impact of Twitter Bots on Altimetrics with Focus in Social Sciences (WENCESLAO ARROYO-MACHADO) |
| 12:30 – 13:30 | Lunch in Catharina Foyer | | |
| 12:30 – 13:30 | ENID Board meeting | | |

| | | |
|---------------|---|---------------|
| 14:45 – 16:00 | <p>Research Funding - Gender CHAIR: INGE VAN DER WEIJDEN</p> <p>Diversity, equity and inclusion: how funding agencies are addressing inequalities in research (YOHANNA JUKI)</p> <p>Do female academics submit fewer grant applications than men? (TORGER MÖLLER)</p> <p>Gender, Parenthood, and Academic Performance: Work-life and Work-work Balance in Russian Academia (ELENA CHECHIK)</p> | 14:45 – 16:00 |
| 13:30 – 14:45 | <p>Research Funding - Resource allocation CHAIR: LAURENS HESSELS</p> <p>Funding projects for Spanish public universities in research, development, and innovation related areas (THANVYRES CHOJI)</p> <p>Thematic research funding and the entry of green energy technology in Korea (SOOHONG EUM)</p> <p>Who Funds Whom? An Exploratory Survey of Top Journal Papers of the Small Post-Soviet Countries (ANNA PANOVA)</p> | 13:30 – 14:45 |
| 14:45 – 16:00 | <p>Open science - Policy CHAIR: MARC LUWEL</p> <p>Four archetypes of Open Science Partnerships: Connecting aims and means in open research collaborations (MARIA-THERESA NORN)</p> <p>Gold Open Access output and expenditures in the United States in the past decade (THEO VAN LEEUWEN)</p> <p>Roadmap for Open Science: An analysis of open science action plans by Canadian federal science departments (CHANTAL RIPP)</p> | 14:45 – 16:00 |
| 13:30 – 14:45 | <p>Open science - Open data CHAIR: KATHLEEN GREGORY</p> <p>Modelling the effect of funding selectivity on the uptake of data sharing in the academic community (THOMAS KLEBEL)</p> <p>Rewarding data sharing and reuse: Initial results of an interview study (KATHLEEN GREGORY)</p> <p>The Field-Specificity of Open Data Practices (THERESA VELDEN)</p> | 13:30 – 14:45 |
| 14:45 – 16:00 | <p>Social media - Miscellaneous CHAIR: ANDREW PLUME</p> <p>How can altmetrics improve the Public Communication of Science and Technology? An analysis on universities and altmetrics (CIBELE AGUIAR)</p> <p>LinkedIn use by academics: an indicator for science policy and research? (CORNELIA LAWSON)</p> <p>WeChat Presence of Chinese Scholarly Journal: An Analysis of CSCD-indexed Journals (DANGQIANG YE)</p> | 14:45 – 16:00 |
| 13:30 – 14:45 | <p>Social media - Twitter 2 CHAIR: PHILIPPE MONGEON</p> <p>Impacts of Social Media Sentiments on Retractions of Scholarly Literature (AUTUMN TONEY)</p> <p>Public attention to research on Twitter-through storytelling: making a narrative out of tweets to a scientific article (REMI TOUPIN)</p> <p>Tweet my paper: Who handles dissemination on Twitter? (NICOLAS ROBINSON-GARCIA)</p> | 13:30 – 14:45 |
| 14:45 – 16:00 | <p>Assessment reform in global south SPECIAL SESSION</p> | 14:45 – 16:00 |
| 13:30 – 14:45 | <p>Recognition and reward SPECIAL SESSION</p> | 13:30 – 14:45 |

2/3

Wednesday 27 September

Wednesday 27 September

3/3

| | | |
|---------------|---|---------------|
| 16:00 – 16:15 | <p>Break</p> | 16:00 – 16:15 |
| 16:15 – 17:45 | <p>Academic careers - Age, seniority and elitism CHAIR: INGE VAN DER WEIJDEN</p> <p>Academic Elitism: Parental Education and the Career Experiences of Faculty in U.S. Institutions (VICTORIA PHAM)</p> <p>The academic age of researchers by SDG and region: in which region more early career researchers are needed to advance SDGs related science? (RYAN FRY)</p> <p>The relationship between academic seniority and scientific production at the organisational level (OZGUR OZER)</p> <p>Who writes what? The academic age patterns of review genres in biomedicine (ALEXANDER SCHNIEDERMANN)</p> | 16:15 – 17:45 |
| 16:00 – 16:15 | <p>Open science - Open scholarly publishing CHAIR: CLIFFORD TATUM</p> <p>Analysis of the Pubmed Commons Post-Publication Peer Review Platform. (PHILIPPE GORRY)</p> <p>Is the acceptance time shorter for submission with preprints? (DAN TIAN)</p> <p>To Preprint or Not to Preprint: Experience and Attitudes of Researchers Worldwide (RONG NI)</p> <p>To what extent has open access (OA) publishing benefited researchers in lower-income countries? A global analysis of reference patterns 1980-2020 (DAG AKSNES)</p> | 16:00 – 16:15 |
| 16:15 – 17:45 | <p>Science and policy CHAIR: STEPHEN PINFIELD</p> <p>A first snapshot of academics' media mentions and policy citations in Flanders Belgium (HANS JONKER)</p> <p>Exploratory analysis of policy document sources in Altmetric.com and Overton (BIEGZAT MURAT)</p> <p>How relevant is public policy and administration research for the policy sector? An empirical analysis based on Overton data (ROBIN HAUNSCHILD)</p> | 16:15 – 17:45 |
| 16:00 – 16:15 | <p>University rankings: accept, amend or avoid? SPECIAL SESSION</p> | 16:00 – 16:15 |
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| 16:00 – 16:15 | <p>Social media - Twitter 2 CHAIR: PHILIPPE MONGEON</p> <p>Impacts of Social Media Sentiments on Retractions of Scholarly Literature (AUTUMN TONEY)</p> <p>Public attention to research on Twitter-through storytelling: making a narrative out of tweets to a scientific article (REMI TOUPIN)</p> <p>Tweet my paper: Who handles dissemination on Twitter? (NICOLAS ROBINSON-GARCIA)</p> | 16:00 – 16:15 |
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| 16:00 – 16:15 | <p>Recognition and reward SPECIAL SESSION</p> | 16:00 – 16:15 |

Reception

18:00 at the Faculty club Leiden University (Rapenburg 73, 2311 GJ Leiden)

Women in Science Policy event

19:30 at the Faculty club Leiden University (Rapenburg 73, 2311 GJ Leiden)

| 15:45 – 16:00 | | 14:30 – 15:45 | | 15:45 – 16:00 | | 14:30 – 15:45 | |
|--|--|--|--|--|--|---|--------------------------------------|
| Break | | Break | | Break | | Break | |
| GROTE ZAAL | AALMARKTZAAL | BREEZAAL | AALMARKTZAAL | GROTE ZAAL | AALMARKTZAAL | BREEZAAL | JAN-WILLEM SCHAAPFOYER |
| <p>Research integrity - Miscellaneous CHAIR: CAROLE DE BORDES</p> <p>Distinguishing articles in questionable and non-questionable journals using quantitative indicators associated with quality (DIMITRY STEPHEN)</p> <p>Research Integrity Indicators in the Age of Artificial Intelligence (LESLIE MCINTOSH)</p> <p>Research misconduct investigations in China's science funding system (TANG LI)</p> | <p>Research assessment - Journals CHAIR: DANIEL HOOK</p> <p>Between Bibliometrics and Peer Review: The Evolution and Challenges of Brazil's Qualis System (ANDRE BRASILI)</p> <p>Impact Factor polarization during the COVID-19 pandemic (TRAEKHO YOU)</p> <p>Journal metrics as predictors of Research Excellence Framework 2021 results: Comparison of impact factor quartiles and Finnish expert-ratings (RAF GUNNS)</p> | <p>Science and innovation - Regional perspectives CHAIR: THOMAS SCHERNGELL</p> <p>Is corporate science growing or declining? (ROBERTO CAMERANI)</p> <p>Potentials for reducing spatial inequalities in innovation: A spatial econometric perspective (THERESA BURSCHER)</p> <p>The impact of knowledge complexity on total factor productivity in European metropolitan regions (NICO PINTAR)</p> | <p>Research integrity - Miscellaneous CHAIR: CAROLE DE BORDES</p> <p>Distinguishing articles in questionable and non-questionable journals using quantitative indicators associated with quality (DIMITRY STEPHEN)</p> <p>Research Integrity Indicators in the Age of Artificial Intelligence (LESLIE MCINTOSH)</p> <p>Research misconduct investigations in China's science funding system (TANG LI)</p> | <p>Research assessment - Journals CHAIR: DANIEL HOOK</p> <p>Between Bibliometrics and Peer Review: The Evolution and Challenges of Brazil's Qualis System (ANDRE BRASILI)</p> <p>Impact Factor polarization during the COVID-19 pandemic (TRAEKHO YOU)</p> <p>Journal metrics as predictors of Research Excellence Framework 2021 results: Comparison of impact factor quartiles and Finnish expert-ratings (RAF GUNNS)</p> | <p>Science and innovation - Regional perspectives CHAIR: THOMAS SCHERNGELL</p> <p>Is corporate science growing or declining? (ROBERTO CAMERANI)</p> <p>Potentials for reducing spatial inequalities in innovation: A spatial econometric perspective (THERESA BURSCHER)</p> <p>The impact of knowledge complexity on total factor productivity in European metropolitan regions (NICO PINTAR)</p> | <p>Monitoring Open Science SPECIAL SESSION</p> | <p>JAN-WILLEM SCHAAPFOYER</p> |

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Thursday 28 September

Thursday 28 September

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| 16:00 – 17:30 | | 16:00 – 17:30 | | 16:00 – 17:30 | |
|--|--|--|--|--|--------------------------------------|
| GROTE ZAAL | AALMARKTZAAL | BREEZAAL | AALMARKTZAAL | GROTE ZAAL | JAN-WILLEM SCHAAPFOYER |
| <p>Academic careers - Mobility CHAIR: JONATHAN DUDEK</p> <p>Gendered trajectories in (early-career) international research mobility: mobility prospects and career impact (MATHIAS WULLUM NIELSEN)</p> <p>Balancing Work and Family: Differential Experiences of Foreign-born and U.S.-born Faculty in Academic Science (LUYU DU)</p> <p>International mobility and career progression of European academics (RICHARD WOOLLEY)</p> <p>On the relationship between previous international collaboration and international mobility of scientific researchers (HUILIN GE)</p> | <p>Science and innovation - Miscellaneous CHAIR: CLARA CALERO MEDINA</p> <p>On epistemic properties and field-specific logics in the study of knowledge transfer: Empirical evidence on researchers' productive interactions from a nationwide survey in Germany (MELIKE JANSSEN)</p> <p>Synergies across Innovations Obstacles and the Role of Government Aid: Evidence from Chile (JUAN CARLOS CASTILLO)</p> <p>The Potential of Meta-Analysis for Evidence-based Innovation Policy: Three Research Cases in the South Korean Context (JUUL KIM)</p> <p>Towards building a monitoring platform for a challenge-oriented smart specialisation with RIS3-MCAT (NICOLAU DURAN-SILVA)</p> | <p>Garfield Memorial Lecture and Cocktail Reception SPECIAL SESSION</p> | <p>Metrics Literacy SPECIAL SESSION</p> | <p>Academic careers - Mobility CHAIR: JONATHAN DUDEK</p> <p>Gendered trajectories in (early-career) international research mobility: mobility prospects and career impact (MATHIAS WULLUM NIELSEN)</p> <p>Balancing Work and Family: Differential Experiences of Foreign-born and U.S.-born Faculty in Academic Science (LUYU DU)</p> <p>International mobility and career progression of European academics (RICHARD WOOLLEY)</p> <p>On the relationship between previous international collaboration and international mobility of scientific researchers (HUILIN GE)</p> | <p>JAN-WILLEM SCHAAPFOYER</p> |

Boat trip

18:30 – Start and end location of the boat trip will be outside Scheffema on the Oude Singel.

Conference dinner

19:30 at Scheffema. (Marksteeg 1, 2312 CS Leiden)

15:45 – 16:00

15:45 – 16:00

Break

Global university rankings in research evaluation: a comprehensive literature review (DMITRY KOCHETKOV)

Collaboration Category Normalised Citation Impact (Collab CNCI) and implications for responsible research evaluation (ROSS POTTER)

assessment - an interim analysis (UERGEN VASTU)

The reform of evaluation procedures in research assessment: The positioning of the societal impact of research within research assessment - an interim analysis (UERGEN VASTU)

standards of excellence (ELEANORA DAGIENE)

Multi-factor policy dynamics in research evaluation: The introduction of international standards of excellence (ELEANORA DAGIENE)

European reform of research assessment (KATHRINE BJERG BENNIKE AND PAUL MELCHIORESEN)

An institutional implementation of the new European reform of research assessment (KATHRINE BJERG BENNIKE AND PAUL MELCHIORESEN)

Research assessment - Policy
CHAIR: JAMES WILSDON

Bibliometrics - Indicators and methods 2
CHAIR: VINCENT TRAAAG

Science and society
CHAIR: NIKI VERMEULEN

Researching (in)equity
SPECIAL SESSION

CHAIR: VINCENT TRAAAG

Measuring Risk in Science (SOTARO SHIBAYAMA)

Normalization of rare citation events in the context of uptake of research in the non-scientific literature (HENRIQUE PINHEIRO)

Quantifying citation inflation: measurement methods and their implications for research evaluation (GEGE LIN)

> The growth of international collaboration: Collaboration Category Normalised Citation Impact (Collab CNCI) and implications for responsible research evaluation (ROSS POTTER)

14:30 – 15:45

14:30 – 15:45

GROTE ZAAL

AALMARKTZAAL

BREEZAAL

JAN-WILLEM SCHAAPFOYER

Friday 29 September

3/4

4/4

Friday 29 September

16:00 – 17:30

16:00 – 17:30

JAN-WILLEM SCHAAPFOYER

BREEZAAL

AALMARKTZAAL

GROTE ZAAL

Academic careers - Employment conditions and performance
CHAIR: CAREY MING-LI CHEN

Academic careers in sociology and peer recognition (ANGELIKA TSIVINSKAYA)

Temporary employment in the Norwegian higher education sector (KAJA WENDT)

The Heterogeneity of Non-academic Staff and its Relationships with the Performance of European and US Universities (ALESSANDRO AVENALI)

Bibliometrics - Indicators and methods 3
CHAIR: ROBIN HAUNSCHILD

An Expertise-based Framework for Research Portfolio Management of Institutions at coarse- and fine-grained levels (ABHIRU NANDY)

Analyzing the use of email addresses in scholarly publications (MARC LUWEL)

Project IntelComp: AI-assisted Research and Innovation Policy-Making (IOANNA GRYPARI)

The development and application of a bibliometric strength, potential and risk analysis for research strategy in a University Medical Center (RIK IPING)

Bibliometrics - Data sources
CHAIR: RODRIGO COSTAS

Comparing bibliographic descriptions in seven free-access databases (LORENA JOAQUINA)

How similar are field-normalized scores from different free or commercial databases calculated for large German universities? (THOMAS SCHEIDSTEGGER)

SciELO as an open scientometric research infrastructure: general discussion of coverage in OpenAlex, WoS, Scopus and Dimensions (JOSE DE MELO MARICATO)

Social Sciences and Humanities research funded under the European Union Seventh Framework Programme (2007-2013): the challenge of retrieving its scholarly outputs (JORDI ARDANUY)

Policies for inclusive gender equality in R&I
SPECIAL SESSION

Conference closing

17:30 – 17:45

Plenary in the Grote Zaal

Special sessions

Implement evaluation reform

Wednesday 11:15 – 12:30 Jan-Willem Schaapfoyer

ALEX RUSHFORTH AND JANNE PÖLÖNEN

The publication of the European Agreement on Reforming Research Assessment (ARRA) in July 2022 is the latest, perhaps most high profile, attempt to date to steer research systems towards reform of how individuals, proposals and organizations are recognized and rewarded.

While calls for reform are internationally-oriented in scope, not all countries, regions and organizations have moved with equal speed or enthusiasm to enact this agenda and there are uncertainties about what such change processes entail. This special session focuses on implementation of reforms within four ‘early adopter’ institutions from the Netherlands and Finland – where a national reform program exists – as well as Denmark and Italy. Speakers in the session have been involved in implementing reforms locally within their own research performing organizations (RPO). We will hear about the process they have gone through, opportunities and frictions they encountered and lessons learnt about resources and infrastructure needed to support such efforts. Being among the first movers in this space, their insights will provide valuable points for discussion, debate and learning for institutions and members of the STI community to engage with ARRA.

Session

The hybrid session will be chaired by Janne Pölönen (Federation of Finnish Learned Societies) and Alex Rushforth (Leiden University), with a short introduction and Q&A discussion with the audience. Speakers (all confirmed) include Sarah de Rijcke (Leiden University), Laura Niemi (University of Turku), Birger Larsen (University of Aalborg) and Francesca di Donato (National Research Council of Italy).

Recognition and reward

Wednesday 13:30 – 14:45 Jan-Willem Schaapfoyer

TJITSKE HOLTROP, THED VAN LEEUWEN, SARAH DE RIJCKE, MARTA SIENKIEWICZ, AND LUDO WALTMAN

In the past decade, movements to reform research evaluation have been growing internationally, concerned about misapplications of overly narrow performance criteria, at the expense of other qualities or policy priorities such as open science, team science, diversity and inclusion, societal relevance, mission-oriented and transdisciplinary research or citizen science. These debates have brought to the fore what Science Studies has long understood to be the case: scientific knowledge is a collective achievement of many kinds of actors who engage with one another in academic activities in many different ways and for many different reasons. Yet, our structures and cultures of recognition and reward haven't followed suit, with quantitative performance criteria (such as bibliometrics and grant income) still guiding evaluation and strategic decision making in hiring, career development, and funding. We will host a conversation that explores the struggles and solutions around recognition and reward in academia at large. What do we understand recognition and reward to mean? What are we and are we not recognizing and/or rewarding, when it comes to academic ambitions, activities, actors, and accomplishments? What concrete shifts in recognition and reward have been and are being proposed in Science Studies and beyond? What kinds of practices, collectives and ideas of science, accountability and value do these make possible? And what kind of methodologies and infrastructures are we building to facilitate making visible, and valuable, what has traditionally been invisible? We will moderate a conversation about empirical examples of, reflections on, and proposals for recognition and reward movements in any academic context.

We would like to invite four actors that represent diverse perspectives on the topic for a round table discussion, followed by an interactive conversation with the audience. We aim to write a summary report for one of the journals in our field.

Assessment reform in global south

Wednesday 14:45 – 16:00 Jan-Willem Schaapfoyer

LAURA ROVELLI, MOUMITA KOLEY, NATALIA GRAS, ROBERT MCLEAN, ERIKA KRAEMER-MBULA, AND ISMAEL RAFOLS

In contexts of wide and growing economic, social and environmental inequality, there are increasing demands on scientific and academic ecosystems to contribute with relevant knowledge to address various “grand challenges” and “critical problems”. In the so-called “Global South”, the impact of Science, Technology and Innovation (STI) policies on the well-being of citizens, and in particular, its most vulnerable groups, is diminished by several problems, among which the distortions in research assessment systems, negatively

affecting the inclusiveness of STI when it privileges the quantitative and the hegemonic-universal over contextual elements, is one of the most significant.

Based on a set of global and common principles of research assessment reform, the session invites reflection on their implementation in different situated settings and regions of the “Global South”. There is an interest in exploring innovations and experiments in reform that involve inclusiveness in evaluation, targeting regional institutional and career equity and gender perspectives; and social demands for knowledge, seeking its expression – through the organized participation of interested actors and processes of co-creation of open research agendas. An important challenge in tackling the above-mentioned issues is to address regional and local specificities in the directionality and institutional structure of STI, the different approaches for assessing research quality in complex environments, in interaction with different assessment procedures, and the need for further harmonization and coordination.

In a round table format and in a hybrid space of exchange (face-to-face-virtual), the session invites participants and interested audience to share and explore a set of analytical approaches, participatory methodologies and case studies involving grassroots movements, in order to enhance the co-design and implementation of situated and substantive transformations in the evaluation systems of the Global South in dialogue with international efforts.

University rankings: accept, amend or avoid?

Wednesday 16:15 – 17:30 Jan-Willem Schaapfoyer

TUNG TUNG CHAN, ELIZABETH GADD, WILLIAM BRAMWELL, AND LUDO WALTMAN

The global university rankings have become an established, if highly contested, part of the HE landscape. There have been significant critiques of the use of substandard data sources, poorly constructed reputation surveys and other invalid indicators, all arbitrarily weighted into a composite measure of university ‘quality’ arrayed in a single ranking, often without any attempt at error measurement. Despite their limitations they are heavily relied upon by students, faculty and policy-makers alike for decision making and both governments and institutions make considerable investments in seeking to improve their ranking performance. However, in recent months there have been a number of policy developments that are likely to affect future engagement with global rankings.

In July 2022 an international coalition of stakeholders led by the European University Association (EUA), Science Europe and European Commission published the Agreement on Reforming Research Assessment. One of the four core commitments of the Agreement,

is to avoid the use of university rankings in the assessment of individual researchers. The Coalition on Advancing Research Assessment (CoARA) now has over 400 signatories, all of whom will be seeking new ways to enact this and other commitments.

In October 2022, the International Network of Research Management Societies (INORMS) Research Evaluation Group developed a new initiative called More Than Our Rank. The initiative provides Higher Education Institutions with an opportunity to describe in a narrative way how much they have to offer society that is not captured by the global university rankings. A small number of signatories have already adopted the initiative which is supported by a wide range of international responsible research assessment organisations.

In December 2022, the Harnessing the Metric Tide review of indicators, infrastructures & priorities for UK responsible research assessment recommended that institutions rethink their use of university rankings, including considering signing up to More Than Our Rank.

2022 saw a number of universities starting to publicly withdraw from the rankings including three Chinese Institutions, one of which, Nanjing University, was in the Top 100. In November 2022 Yale University publicly withdrew from the US News & World Report Law Rankings due to equity-related concerns with the methodology. Six other research intensive universities quickly followed suit, and in January 2023 a further slew of institutions withdrew from the US News & World Report Medical School Rankings. In January 2023, the United Nations University Institute for Global Public Health published a white paper on Bias and Colonialism in Global University Rankings and have established an international working group that seeks to make recommendations to mitigate these negative impacts.

A Dutch Expert Group on University Rankings will soon share the findings and recommendations of their work and the EUA Annual Conference on 20 April is dedicating its plenary session to a discussion about the role of rankings in universities’ quest for ‘excellence’.

Description of the format

A panel session is proposed to include contributions from the Coalition on Advancing Research Assessment (CoARA), the INORMS Research Evaluation Group, the CWTS Leiden Ranking and the Dutch Expert Group on University Rankings. After the presentations, the panel will have a discussion on the issue informed by audience questions, followed by an audience vote as to whether we should accept, amend or avoid the university rankings.

MetaROR (MetaResearch Open Review)

Thursday 10:00 – 11:15 Jan-Willem Schaapfoyer

ADRIAN BARNETT, JENNIFER BYRNE, JASON M. CHIN, ALEX HOLCOMBE, WOLFGANG KALTENBRUNNER, STEPHEN PINFIELD, SIMINE VAZIRE, LUDO WALTMAN, AND JAMES WILSDON

RoRI and AIMOS will introduce MetaROR to the STI community. The proposed special session has the following objectives:

- To inform the STI community about MetaROR and the underlying ideas on scholarly publishing and peer review, and to address questions from the community.
- To clarify how MetaROR will collaborate with journals in the field of research on research.
- To invite members of the STI community to contribute to MetaROR, as authors, reviewers, and potentially also editors.

Evaluation at interface OS and RRA

Thursday 11:30 – 12:45 Jan-Willem Schaapfoyer

THANASIS VERGOULIS, LUDO WALTMAN, AND ANESTIS

Introduction

OPUS is an EU-funded project that aims to help reform research assessment toward a system that incentivises researchers to practice open science. GraspOS is another closely related EU-funded project. It aims to pave the way toward open-science-aware responsible research assessment and to deliver an open infrastructure for metrics and indicators that support modern research evaluation practices. As OPUS and GraspOS teams, we are joining forces by proposing to jointly organise a special session at the STI 2023 conference.

Topic and aims of the special session

The topic of this special session is research(er) evaluation at the interface of open science and responsible research assessment. This topic is at the heart of the OPUS and the GraspOS projects. It also relates directly to two of the core topics of the STI 2023 conference: open science practices and reform of research evaluation practices. These topics represent key areas of attention in ongoing policy discussions and emerging implementation initiatives, both in Europe and worldwide. We expect many of the conference participants to be interested in these discussions and the ongoing work in the OPUS and GraspOS projects. The proposed special session aims to inform conference participants about the ongoing work in the OPUS and GraspOS projects, solicit their feedback on this work, and invite them to get more closely involved by joining the communities of practice of the projects. Special attention will be given to the relationship between open science on the one hand and responsible research assessment on the other

hand. Both represent powerful reform movements and, to a significant extent, their agendas appear to align and mutually reinforce each other. Nevertheless, early observations of the teams working in both projects suggest that careful coordination between the two movements is needed to avoid the risk of tensions since, in some cases, their objectives may not be fully aligned (e.g., excessive focus on openness might draw attention away from other important issues in research assessment).

Format of the special session

This special session will feature speakers from the OPUS and GraspOS projects. In addition, we will invite a member of the steering board of the Coalition for Advancing Research Assessment (CoARA) to discuss how the projects can help members of CoARA to implement the commitments in the Agreement on Reforming Research Assessment. The special session will have an interactive format that offers ample opportunity for discussion with the speakers. Online participation will also be facilitated. We plan to use real-time polls (e.g., using Mentimeter) to maximise engagement with the audience.

Monitoring Open Science

Thursday 14:30 – 15:45 Jan-Willem Schaapfoyer

ANA PERSIC (UNESCO), ISMAEL RAFOLS AND VINCENT TRAAK (LEIDEN UNIV.), AMEET DOSHI (PRINCETON UNIV), DIANA HICKS (GEORGIA TECH) AND LESLIE CHAN (TORONTO UNIV.)

This session aims to reflect on challenges of monitoring Open Science, both in terms of the development of OS practices, policies and their effects, building on ongoing work by the UNESCO and the EC PathOS project. There are increasing policy demands for monitoring OS in the face of many initiatives to promote OS by a variety of organisations, from universities to supranational institutions. However, given the large diversity of activities and policies associated with OS, how can these and their effects be monitored? How can we gather evidence of OS developments associated with engagement and dialogue? How can we capture the outcomes and impacts of OS initiatives, e.g. in terms of pluralising the users of scientific knowledge? How can these monitoring efforts be contextualised to account for highly disparate settings?

Metrics literacy

Thursday 16:00 – 17:30 Jan-Willem Schaapfoyer

STEFANIE HAUSTEIN, HEATHER WOODS, MADDIE HARE, ISABELLE DORSCH, AND CAREY MING-LI CHEN

The session's objective is to bring attention to and empower the bibliometric community

to take ownership of metrics education. Improving metrics literacies with the goal of reducing the misuse of bibliometric indicators is in line with current transitions towards healthier academic culture, including the Coalition for Advancing Research Assessment (CoARA) initiative. The proposed session can work as an incubator of ideas on how to effectively and efficiently communicate the knowledge of bibliometric experts to the wider audience of users of scholarly metrics. We also hope it can facilitate collaborations between various stakeholders, including bibliometric researchers and analysts, data providers and librarians.

Garfield Memorial Lecture

Thursday 16:00 – 17:30 Breezaal

HENRY SMALL

Eugene Garfield Memorial Lecture: Exploring the Past and Charting the Future of Co-citation. After the lecture there will be a cocktail reception.

Policy documents

Friday 10:00 – 11:15 Breezaal

EUAN ADIE, RODRIGO COSTAS, HANS JONKER, MIKE MUGABUSHAKA, BIEGZAT MURAT, ED NOYONS, AND KATHRYN WEBER-BOER

The past few years have witnessed multiple discussions and developments regarding the measurement and study of the societal impact of Science. In this debate, altmetric approaches have been extensively explored in order to capture different forms of interactions between science and broader audiences.

One of the most interesting altmetric sources are policy documents, and particularly the mentions and use that policy documents make of scholarly objects. These include citations to scientific papers, but also mentions to universities, research organisations or even researchers. As a result, the collection and indexing of policy documents can be seen as a powerful source of scientometric data to study and understand the relationships and interactions established by policy makers with science and scholarly actors.

In recent years, several initiatives have been started to collect and develop databases of policy documents and their citations. One of the first of these initiatives was Altmetric.com, which has been indexing policy documents explicitly citing academic publications. More recently, Overton.io has been developing an extensive database of policy documents, as well as their citations, including citations not only to scientific publications, but also between policy documents.

These initiatives and databases have demonstrated the interest and value of indexing policy documents and their interactions with science. They have the potential of bringing a new understanding of science-society interactions and more specifically the role that science and its actors play in the development of (new policies). However, the development and availability of these initiatives and databases also open critical questions around the issues, challenges and potential future developments that databases may need addressed. Some of these questions include:

- What is the relation between policy and research that may be researched using policy documents?
- What is a policy document? How can they be defined? Why are they relevant? For whom are they relevant?
- What is the coverage of existing databases? What are their potential gaps and challenges?
- What information can be identified and used to further explore the interaction between science and policy?
- What types of data need to be extracted and analysed? What are the analytical and policy questions that can be addressed?
- What can policy documents tell us about the differences/similarities in how research shapes policy in different geographic regions?
- What future developments should be considered in this area?
- What are the possibilities for open data sources of policy documents?
- How can we monitor the interactions between science and policy?
- How can the policy documents contribute to a better system of reward and recognition?

In addition, with the rise of open bibliometric data platforms, another dimension which should be brought to discussion is the potential of including citation links of policy documents in open bibliometric datasets such as OpenAlex or OpenAire research Graph. Related questions include:

- What is the potential of open data of policy documents (and other non traditionally scholarly documents) and their citation links and which benefits do they offer in comparison to proprietary data
- How can interested parties work together to create and maintain open data infrastructures for policy documents (and other non traditionally scholarly documents)

Aims and contribution of the special session

This special session at the STI2023 conference aims at creating a space for reflection about all these questions, enabling the exchange of views and ideas among different stakeholders interested in policy-science interactions, including policy makers, data providers, researchers, and in general, all interested participants attending the STI conference.

The main expectation of the special session is to come up with recommendations and a roadmap for the future development of more inclusive and transparent studies of policy-science interactions.

Getting responsible about AI and machine learning in research funding and evaluation (GRAIL)

Friday 10:00 – 11:15 Jan Willem Schaapfoyer

DENIS NEWMAN-GRIFFIS, ANNE JORSTAD, RAQUEL ROSES, MICHAEL THELWALL, AND JAMES WILSDON

This special session aims to explore key cross-cutting considerations in the use of AI approaches in research funding and evaluation. As this is an emerging area of best practice, rather than taking a didactic approach the panel is oriented towards creating a space of mutual learning and knowledge exchange among the wide range of stakeholders in AI and research funding represented in the STI audience. The panel membership draws on partners involved in the Research in Research Institute's GRAIL project on Getting Responsible about AI and Machine Learning in Research Funding and Evaluation, and the panel aims to foster the community-driven learning and exchange that underpins the GRAIL project.

Global observatory for responsible research assessment

Friday 11:30 – 12:45 Jan Willem Schaapfoyer

JAMES WILSDON AND ALEX RUSHFORTH

First half of session = hybrid; second half = onsite only

In the past decade, there have been a series of high profile efforts to tackle problems of overreliance on quantitative performance indicators and incentives, including the Declaration on Research Assessment (DORA), the Leiden Manifesto, the Metric Tide, and ongoing work by the Global Research Council. Most recently the Coalition on Advancing Research Assessment (CoARA) has emerged as a significant initiative, and now has more than 500 organisations committed to sharing ideas and evidence in support of responsible and inclusive assessment systems.

The rapid momentum of CoARA reflects a turn in these debates towards implementing, sharing and scaling solutions, within an expanding agenda of responsible research

assessment (RRA), which includes more emphasis on healthy work cultures; research integrity; open scholarship; and principles of equality, diversity and inclusion.

At the same time, there is a need to underpin more normative, values-based agendas for reform of research assessment with robust and open evidence and debate as to what works, and which types of interventions are most effective, or may have unintended consequences. The task of aligning international capacity for meta-research, which has also grown over this period, with the priorities and agendas of RRA is still at a relatively early stage.

As a contribution to this task, this special session at STI 2023 will mark the launch of a new initiative – A Global Observatory of Responsible Research Assessment (AGORRA) – convened by the Research on Research Institute (RoRI).

AGORRA will aim to support and strengthen comparative analysis and progressive reform of national assessment frameworks, with a view to better aligning the needs of funders and other key actors in assessment systems with emerging meta-research capabilities. Through an international network of collaborators, AGORRA will run for an initial period of 5 years (2023-2028). Its specific aims are:

- To build and connect flexible research capacity that can be directed towards strengthening the evidence base for RRA and research assessment reform;
- To monitor ongoing developments in national and international frameworks and policies for research assessment, and support transfer and scaling of good ideas;
- To foster and facilitate a culture of analysis and experimentation among research actors engaged in the design, delivery and evaluation of assessment processes;
- To build evidence, awareness and engagement in the possibilities, pitfalls and choices being made with new methodologies (e.g. machine learning), indicators and 'next generation metrics';

To work, this initiative will require dialogue, engagement, and critical feedback from researcher, funder and broader communities. With this learning and improvement ethos in mind, we invite the STI audience to participate in this interactive session to discuss the promises, objectives, and potential pitfalls of this initiative.

The meeting will kick off first with a short overview of AGORRA by James Wilsdon and Alex Rushforth, followed by three flash pitches from AGORRA partners on the anticipated relevance of such an observatory to their respective national contexts: Steven Hill (Research England/UKRI) on the UK and future of the REF, Lin Zhang (Wuhan) on China, and Marta Wróblewska (University of Social Sciences and Humanities, Warsaw) on Poland. The second half of the session will have an interactive format, with the audience invited into breakout groups, where they will explore the opportunities, challenges and priorities for a global observatory. Questions for discussion will include: Which interventions merit sustained attention by AGORRA? What would constitute appropriate evidence that a

given intervention works? How can we improve learning and exchange across assessment systems? What might be the unintended consequences of scaling-up interventions across a range of organisational, regional and national funding contexts? These insights will then be fed back into the main group discussion.

The meeting will end by outlining future plans and identifying opportunities for the STI community to engage and contribute to AGORRA.

Researching (in-) equity, diversity and inclusion in science through bibliometric, mixed- and multi-method studies

Friday 14:30 – 15:45 Jan Willem Schaapfoyer

SUSANNE KOCH, DOROTHY NGILA, ISMAEL RAFOLS, LEANDRO RODRIGUEZ MEDINA, NELIUS BOSHOFF, RODRIGO COSTAS, JONATHAN DUDEK, SIMILO NGWENYA, OLENA STRELNYK, SHIZUKU SUNAGAWA, CAMILLA TETLEY, AND AMANI UISSO

According to the Agenda 2030 for Sustainable Development, reducing inequality (SDG 10) is an essential prerequisite for a world of justice and non-discrimination, and of equal opportunity permitting the full realization of human potential. Science is expected to play a key part in achieving this vision – although being as well structured by multiple forms of inequality and divides within its own system. Epistemic hierarchies not only put certain disciplines before others, but also marginalize knowledge not conforming to dominant paradigms and/or produced outside scientific centers. Aside from researchers' position in the global research landscape, socially constructed categories such as gender, ethnicity and race affect the degree of scientific credibility ascribed to them.

The aim of this Special Session is to provide a space for exchange on scholarship that maps and examines diversity and (in-) equity in science at local, regional and global levels. In short input talks, scholars and research groups will share how they investigate these topics in specific projects, focusing specifically on relations between theory, methodology and evidence generated.

The presentations will be followed by an extended discussion between an invited discussant, presenters and the audience on the following questions:

- How do we generate evidence of inequalities that structure global science? How do we go beyond making these visible (e.g. by bibliometric analyses) and understand which implications they have?
- How can we come up with meaningful conceptualisations of diversity and (in-) equity? Which theoretical perspectives are useful for understanding links between the social and epistemic structures we find?

- Which methodological challenges emerge when trying to map diversity and (in-) equity in science? How can bibliometric, mixed- and multi-method study designs be meaningfully employed?
- How can we diminish the risks to reproduce inequalities through the methods we apply? How can open science and open databases help in that?

The contributions of the Special Session relate to the broad themes of equity, diversity and inclusion as well as scholarly communication and societal impact of research.

Policies for inclusive gender equality in R&I

Friday 16:00 – 17:30 Jan Willem Schaapfoyer

ELIZABETH POLLITZER, RACHEL PALMEN, KARTSEN GAREIS, LUCIO PISACANE, SUSANNE BURER, HELENE SCHIFFBÄNKER, AND MARTINA SCHRAUDNER

The purpose of this session is to initiate a multistakeholder dialogue leading to a consensus on how to best monitor inclusion of (intersectional, e.g., age, geography, language etc) gender perspectives in science knowledge-making to support improvements in quality of outcomes for women, men, and other significant but so far underrepresented in knowledge groups. This discussion is needed to:

1. ensure that quality of research and innovation benefits from policy interventions promoting gender equality, diversity, and inclusion in the science system;
2. monitoring impact of Horizon Europe, which asks for gender equality and gender dimensions-related information; and
3. ensuring that policy makers have the necessary evidence to promote continued structural change.

List of posters

A survey of how biology researchers assess credibility when serving on grant and hiring committees

IAIN HRYNASZKIEWICZ

Academic time allocations among Early Career Researchers in Germany and Norway

SABINE WOLLSCHIED

An Equity, Diversity, and Inclusion Approach in Entrepreneurial and Innovation Ecosystems

KAREN ESTEVES

Broadening the conception of 'what counts?' - example of a narrative CV in a university alliance

MARIA PIETILA

Defining and Assessing Uncertainty in India's Gross Expenditure on Research and Development (GERD)

NISHANT DEWANEY • ONLINE

Dynamics of the disciplinary structure of research in post-Soviet countries

ANDREY LOVAKOV

Extended-monitoring system: A new attempt in CAS's research institute evaluation

XIAOXUAN LI

Fantastic in theory, but difficult in practice: Responsible Research Assessment Exercises at the University of Antwerp

BIRGIT HOUBEN

Geodiversity of hunger research: Are local authors equally and fairly represented in the scientific literature?

PHILIP PURNELL

Guideline Impact Factor - A new indicator to assess journals cited in medical guidelines

NIKITA SORGATZ

Introducing RRA-Tracker: An online tool mapping the global research assessment reform landscape

ALEX RUSHFORTH

Research Collaboration: Characterizing the global trends during the last five decades

PRASHASTI SINGH

The use of research in policy documents: exploring methodological potentialities

EVANDRO COGGO-CRISTOFOLETTI

Tracing collaboration beyond the confines of academia through co-authorship of publications in the humanities

ELINE VANDEWALLE

Uncovering Barriers for Women in Russian Grant Funding: Exploring Rejected and Supported Grant Applications

ELENA CHECHIK

Assessing the Knowledge and Attitudes of Spanish Early-Stage Academics towards Predatory Journals

ELVIRA CURIEL

Availability of raw data in Spanish cancer research

RUT LUCAS

BRIDGE Theory: A New Method Combining Quantitative and Qualitative Evaluation

FANG XU

Can tweets predict article retractions?

ER-TE ZHENG

Commissioned public R&D publications in the social sciences. A document analysis of societal impacts of research

SABINE WOLLSCHIED

Diagnosis on the implementation of open science in Spanish institutions. Analysis of projects, publications and perception of stakeholders

DANIELA DE FILIPPO

How researchers collaborate across disciplines? Patterns of interdisciplinary collaboration based on a dual-perspective framework

LIN ZHANG • ONLINE

International University Rankings and Changing University Functions: Underlining indicators to capture societal and entrepreneurial contributions of universities

VIVEK KUMAR SINGH

Mapping the Narrow Reproducibility Discourse

SVEN ULPTS

Measuring Data Re-Use Through Dataset Citations in OpenAlex

GEOFF KRAUSE

Measuring scientific creativity for science and technology evaluation in the age of AI: why is it possible?

JUNHUI WANG

Open access and research evaluation: first evidence from the Italian National Evaluation of Research Quality (VQR)

TINDARO CICERO

Open access practices at scientific institutions: the case of Poland

AGATA FRANKOWSKA

Open Science Indicators: Trends in preprint, data, and code sharing, 2019-2022

IAIN HRYNASZKIEWICZ

Retractions, retracted articles and withdrawals coverage in scholarly databases

JOSE LUIS ORTEGA

The Journal Observatory - Connecting information on scholarly communication

BRAM VAN DEN BOOMEN

Understanding the support of metrics: the role of orientation to Global Science in sociologists' perceptions of performance measurement

KATERINA GUBA

Who reviews for interdisciplinary research? A Study based on Active Reviewers from Publons

LIN ZHANG • ONLINE

Let's get social

No conference is complete without social activities. Next to the must-haves – reception drinks and conference dinner – we have planned additional activities for socializing and getting to know the city of Leiden a little bit. Two of these events will already take place on the evening before the actual conference: the PhD event and a pub quiz.

On Wednesday evening, all conference participants are invited to the reception drinks in the historical Academiegebouw of Leiden University. The **reception drinks** will start at **18:00 and last until 19:30**. Snacks will be served, but please make sure to arrange dinner for yourself on that evening. You can find suggestions for nice places to have dinner at on our website.

Right after the reception drinks, the **Women in Science Policy (WISP)** event will start. It will take place in the building on the opposite of the reception drinks, in the restaurant of the Faculty Club. This event requires a separate registration.

Thursday evening will be just as busy as the previous evenings. A small fleet of boats will take you on a trip on the canals of Leiden. **The boat trip** will **start at 18:30** close to Scheltema Leiden, the location of the **conference dinner**, and take 45 min/1h. Please make sure to be there on time, so that we can board quickly and enjoy as much of Leiden as possible. The boats will bring you back to the starting point again, from where you can just walk over to our dinner location. Doors will **open at 19:30** and not close before the end of the evening at 1 in the morning!

Please be aware that you need to have pre-registered for the boat trip and the conference dinner.

The venues

The 27th International Conference on Science, Technology, and Innovation Indicators 2023 will take place at various venues across the city. Most of your time will be spent at the Stadsgehoorzaal, which is indeed the main venue during the conference.



Stadsgehoorzaal

The conference, including all regular sessions, keynotes, and special sessions, will be held in this building. Lunch will also be served from the Catharina Foyer in this main building. The Stadsgehoorzaal is a historical city auditorium that is located at Breestraat 60 in Leiden. Although the building experienced a rough start from its creation in 1826 with for example a grand fire that burned down a big part of the building in 1889. "Luckily, it could be rebuilt. The Stadsgehoorzaal has had more renovations done that all gave the building the look it has today.



ADDRESS

Breestraat 60
2311CS Leiden

Scan the QR code for more information on accessibility



About Leiden

What to do in Leiden

If you happen to have some free time amidst the inspiring and challenging conference schedule, we highly encourage you to explore the beautiful city of Leiden.

There are numerous activities and attractions to enjoy in Leiden. You can visit one of the 13 museums, all conveniently located within walking distance of each other, or find serenity in one of the more than 30 charming courtyard gardens. Consider taking a guided city walk, visiting historical landmarks, or simply relaxing amidst the beauty of the Hortus Botanicus. Here is our recommendation of museums:

- Stedelijk Museum de Lakenhal
- Rijksmuseum van Oudheden (National Museum of Antiquities)
- Museum Volkenkunde (National Museum of Ethnology)
- Naturalis Biodiversity Center
- Rijksmuseum Boerhaave
- Japan Museum Sieboldhuis

Alternatively, you can experience the city's vibrant atmosphere by visiting a café or terrace in the historic city center, or treat yourself to a delightful meal at one of the city's many outstanding restaurants. For inspiration and personalized recommendations, we encourage you to visit sti2023.org/where-to-go-in-leiden/ or the Leiden Tourist Information Office, where you'll discover a wealth of information about the city and its attractions. You can also reach out to our events team for additional insights on exploring the city.

Enjoy your time in Leiden!



Getting around

By foot

The city centre of Leiden is quite small, and most places you will want to visit are within walking distance.

Public transport

Leiden has a good bus network that can take you to other parts of Leiden and surrounding areas. Plan your journey on the 9292.nl website.

By bicycle

To immerse yourself in the full Dutch experience, why not rent a bike to get around? There are many places in Leiden where you can rent a bike.

Dutch it up

Thank you

Dankjewel (DAHNK-YUH-VELL.)

Please

Alstublieft (ALST-OO-BLEEFT.)

Goodbye

Doei or tot ziens (TOT ZEE-ENS OR DO-EE AND DA-GCH.)

Good morning

Goedemorgen (GCH-OOD-MOR-GCH-EN.)

Good afternoon

Goedemiddag (GCH-OOD-MID-DA-CH.)

Good evening

Goedenavond (GCH-OOD-AVE-OND.)

Cozy

Gezellig (GCH-ZELL-GCH.)

Sorry

Sorry (SAME :)

Yes & no

Ja & Nee (LIKE JA (YA) AND NEE (NEIGH).)

I don't speak Dutch

Ik spreek geen Nederlands (IK SPR-ACHE GCH-AINE NEDERLAANDS.)

Do you speak english?

Spreek je Engels? (SPR-ACHET YE ENG-ELS.)

Where is __?

Waar is ____? (VAAR IS ____?)

Left, right, straight

Links, rechts, rechtdoor (LINKS, WRECKS, WRECK-DOOR)

Cheers!

Proost (PR-OOST)

of course, you must learn how to say cheers in dutch.

And if you are wondering what the name of our centre is in Dutch, here is the answer:

CWTS

Centrum voor Wetenschap en Technologie Studies

Practical information

The Leiden Events Team will be on hand to welcome and assist you, including at the event registration table upon arrival. If you have any questions or require assistance during your stay, please email sti2023@cwts.leidenuniv.nl or ask a member of the Events team for help.

Thanks to our sponsors

CWTS and Leiden University are grateful for the support received from our STI-ENID 2023 sponsors. Without them we would not be able to organise the event in the way we do.



Wifi

The WIFI network at the Stadsgehoorzaal is **STI2023** and the WIFI-password is **#STI2023**

Eduroam is supposed to work as well

DIAMOND



DIAMOND



DIAMOND



GOLD

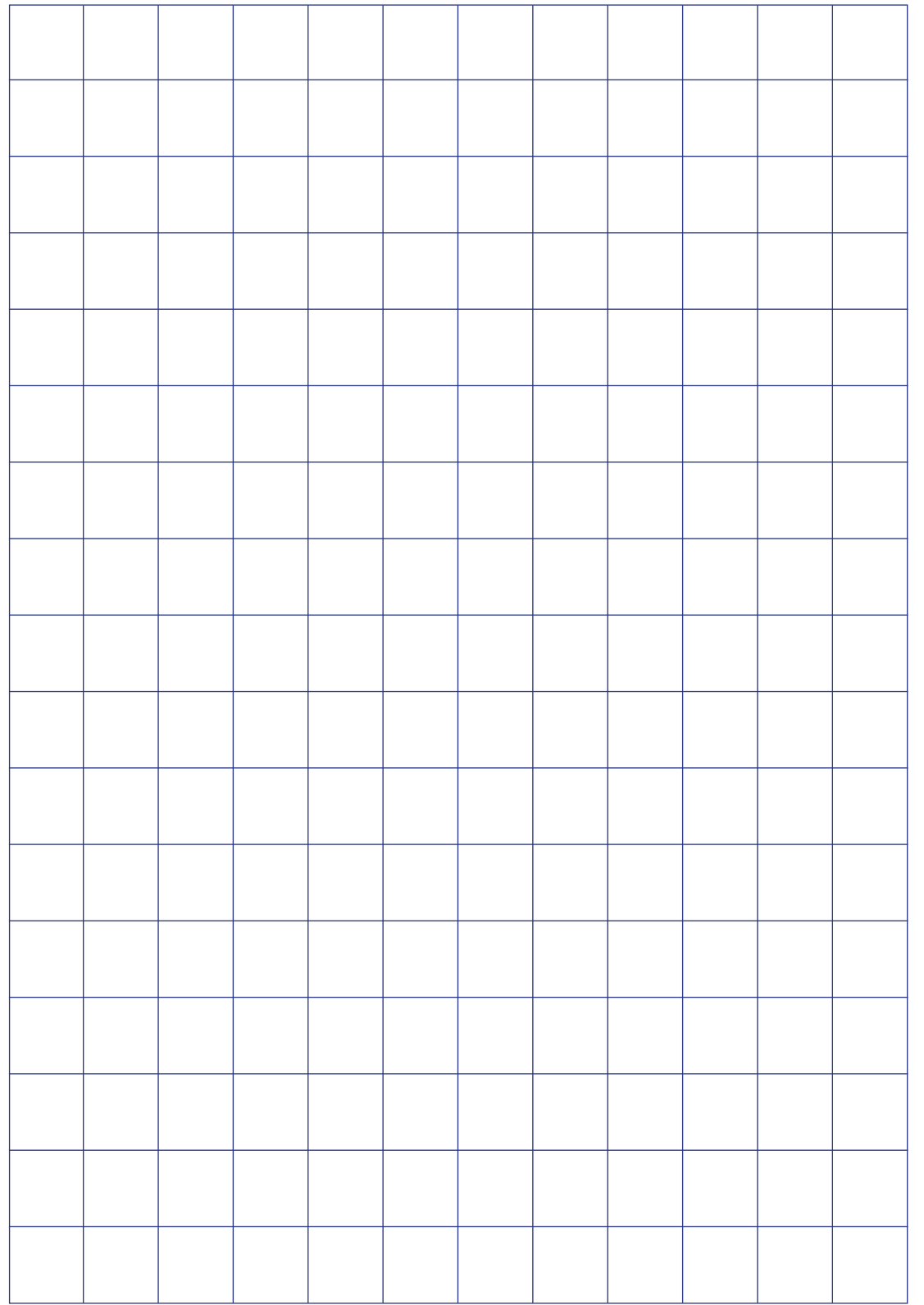
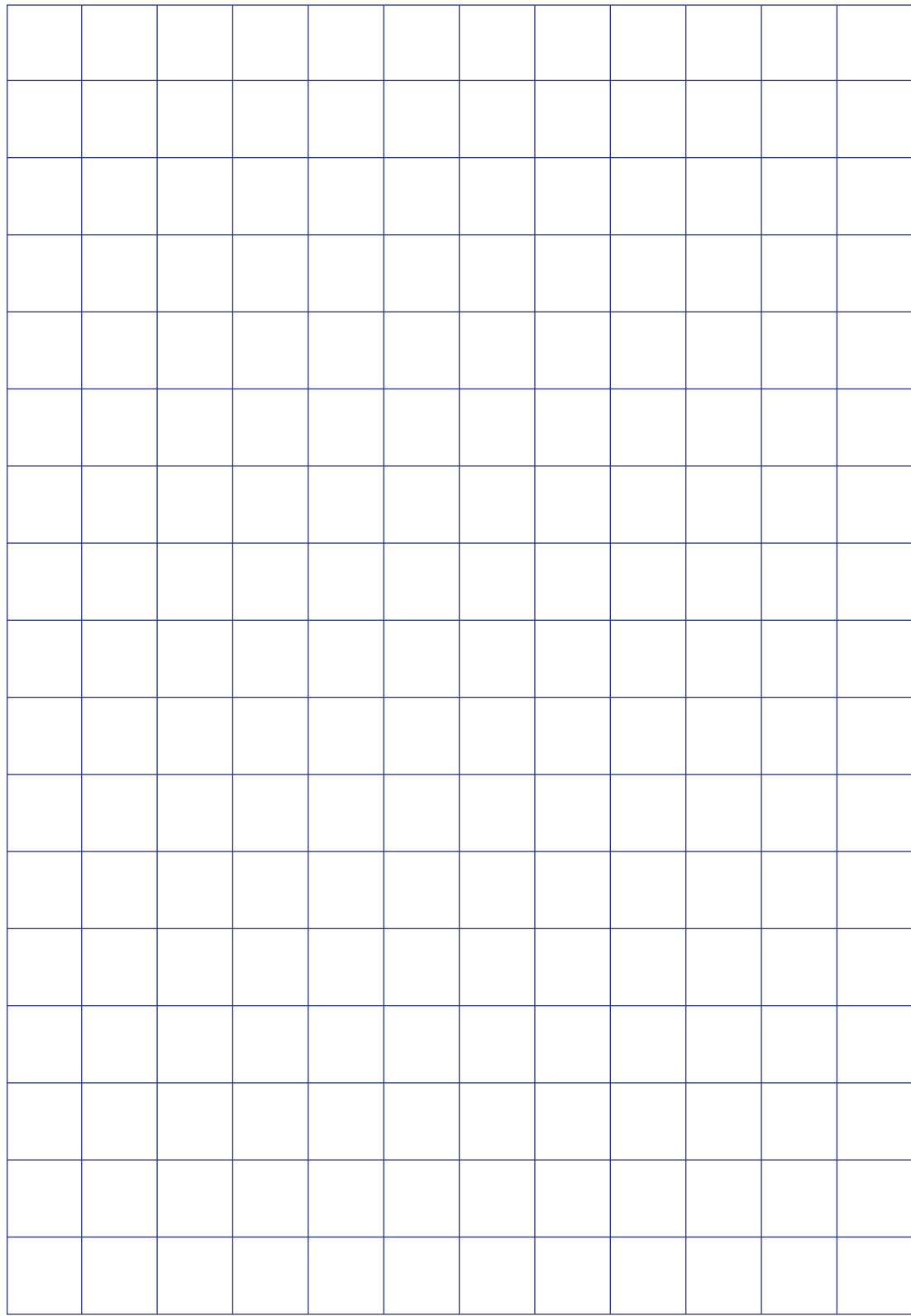


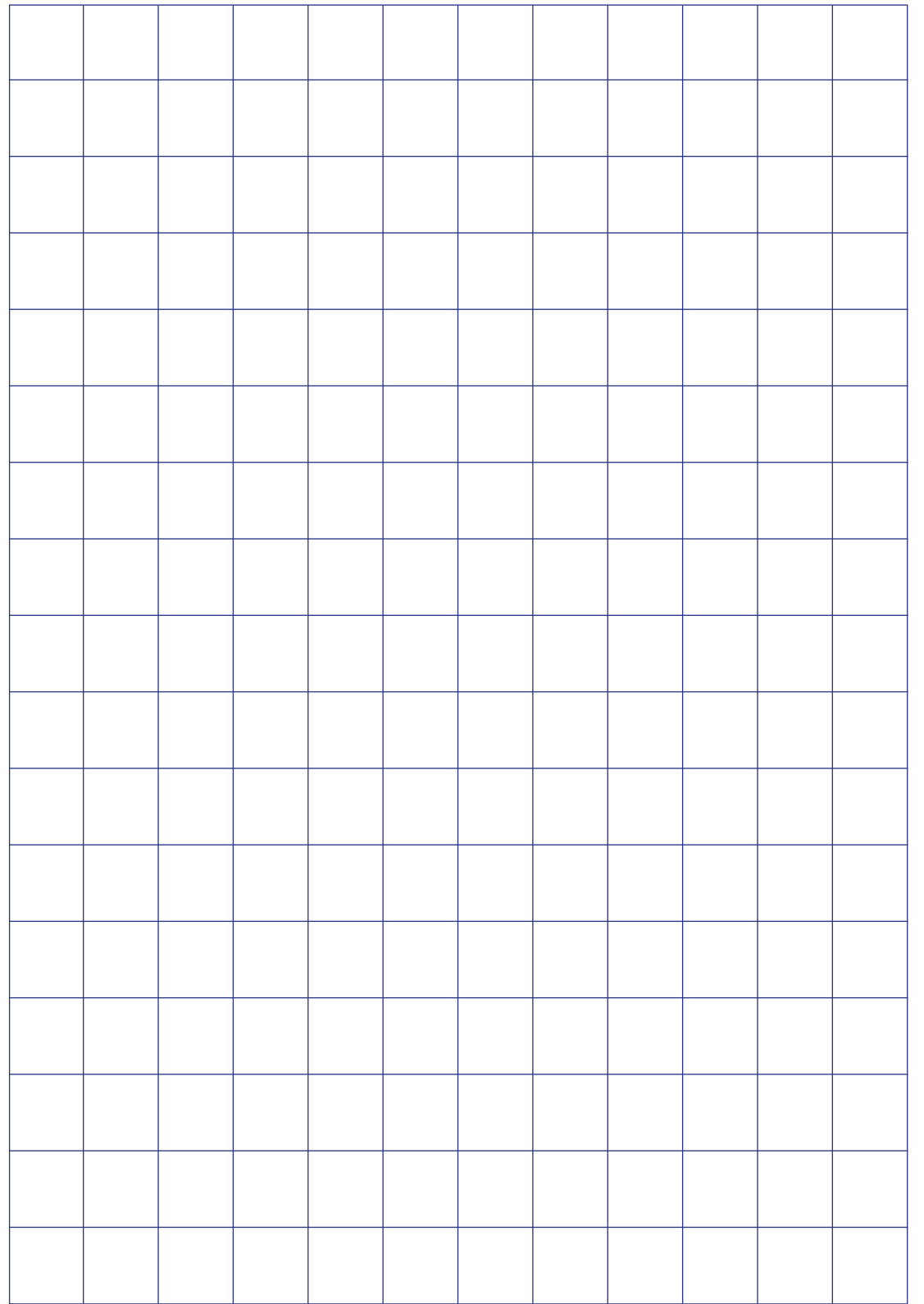
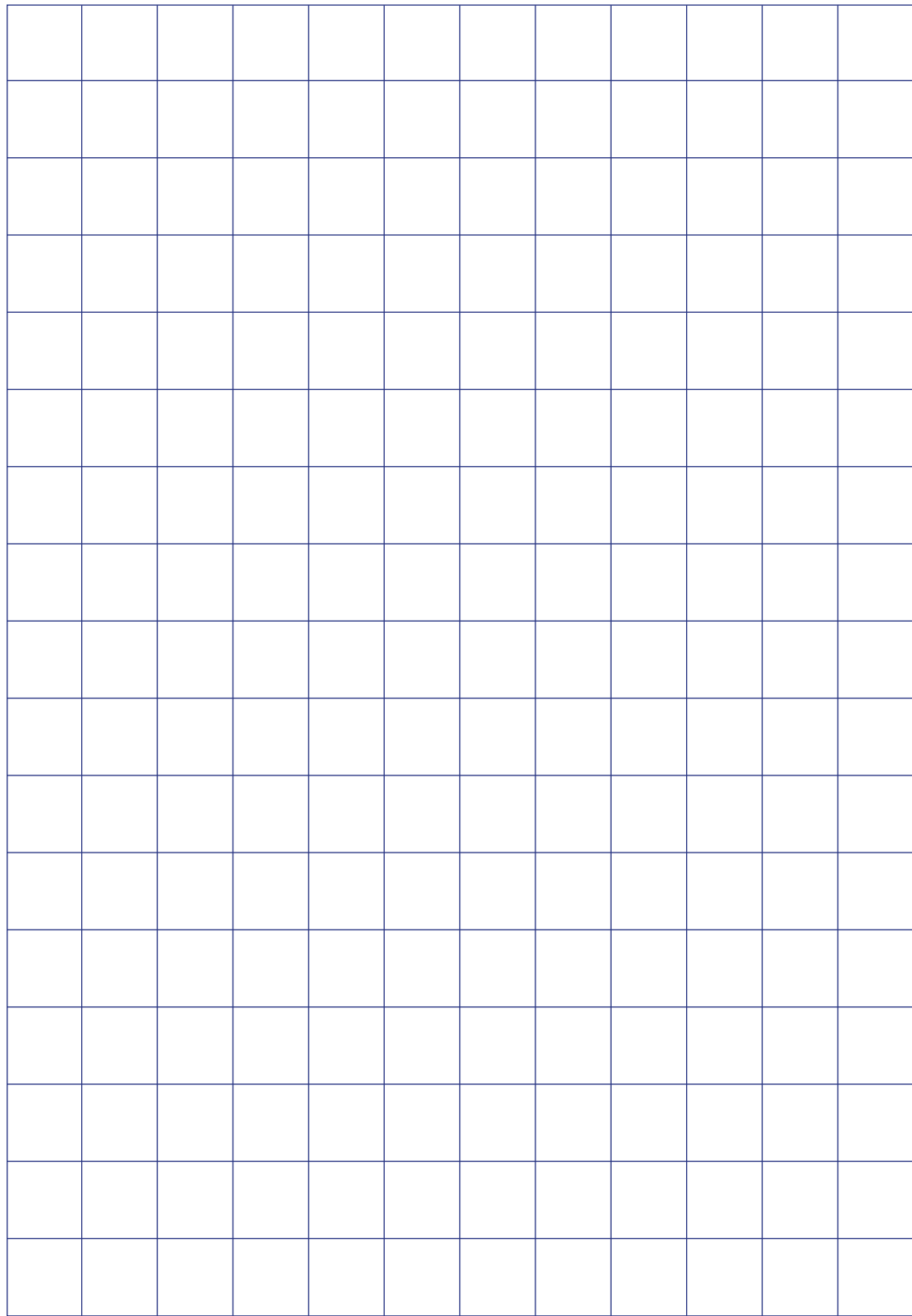
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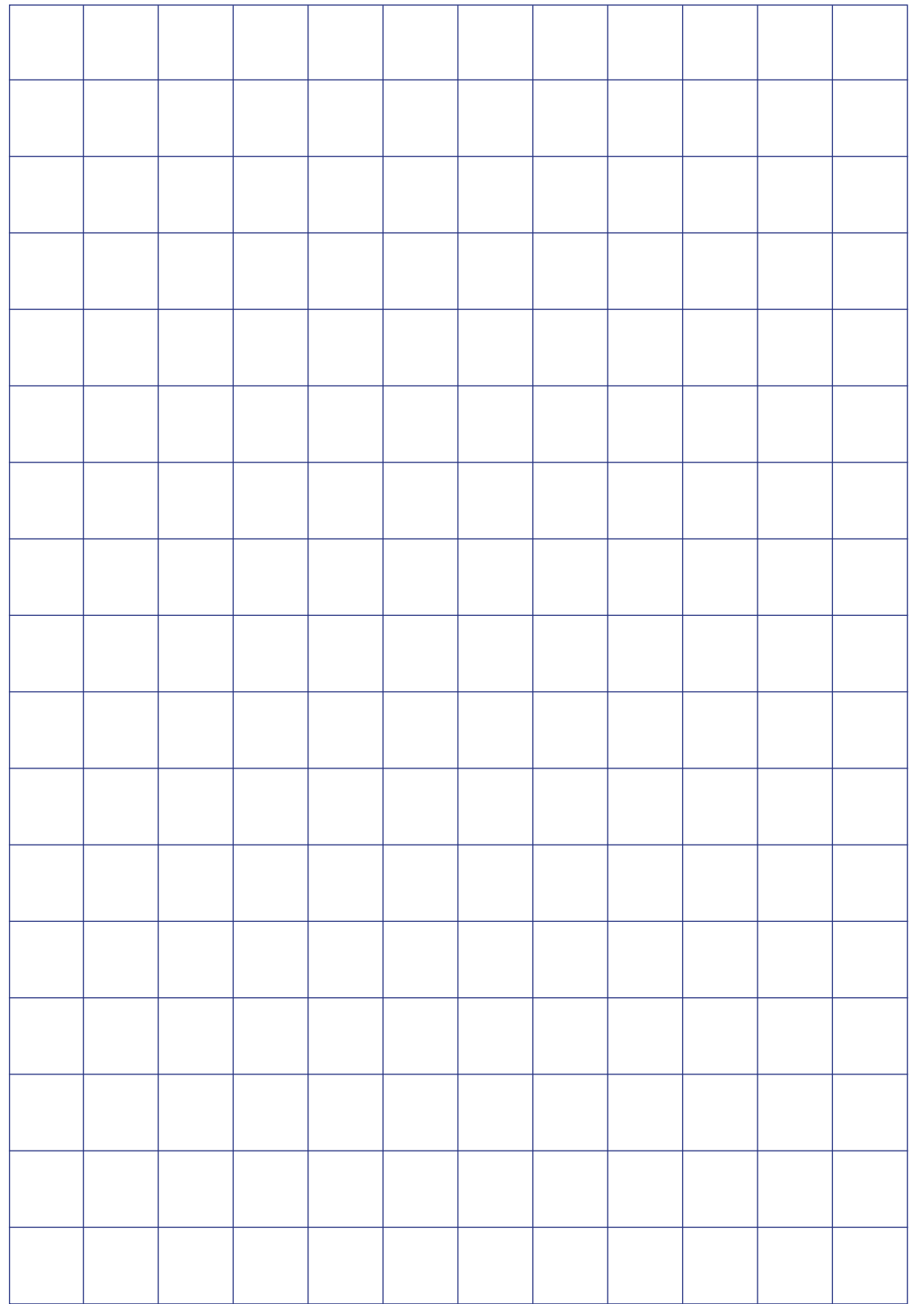
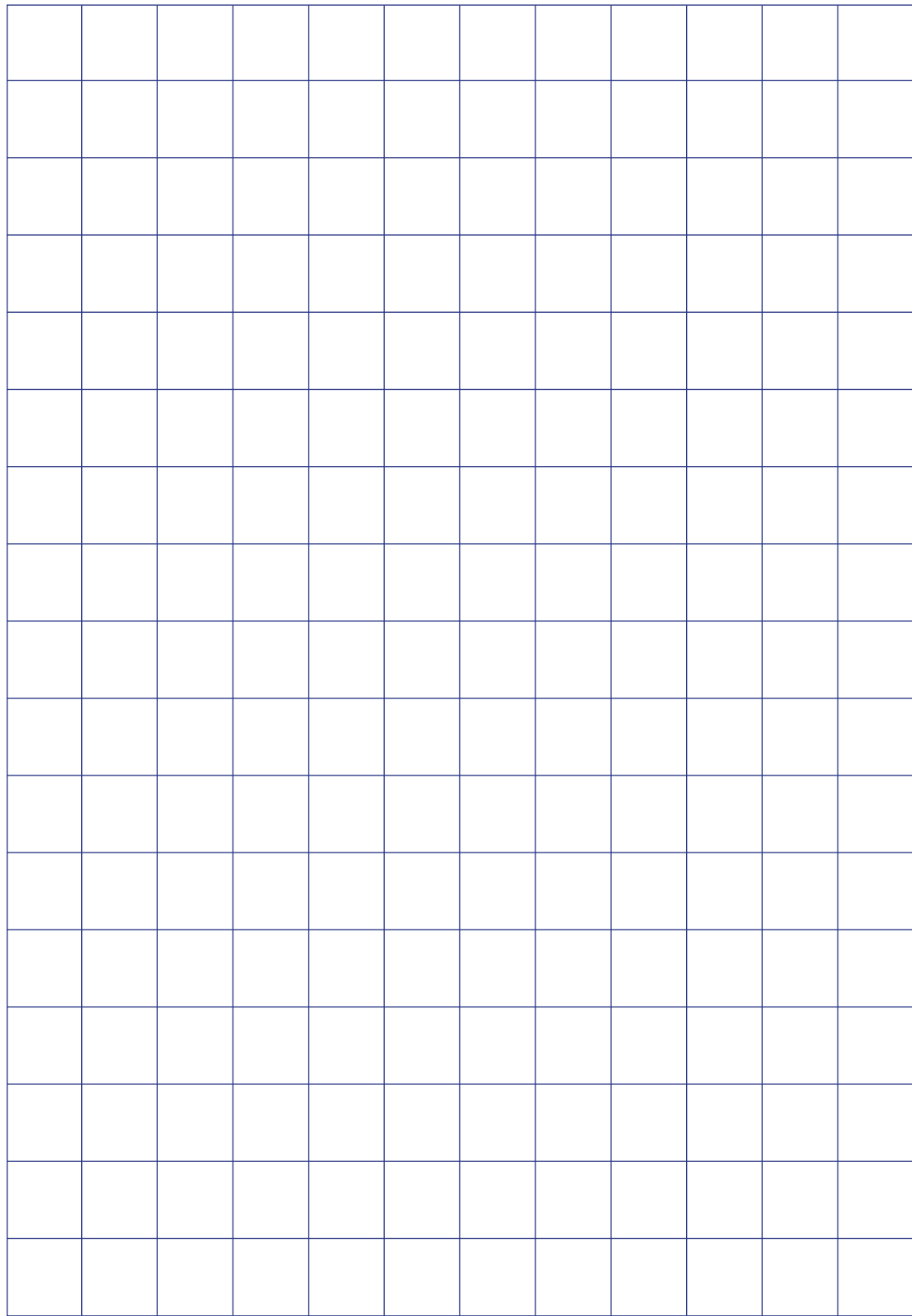


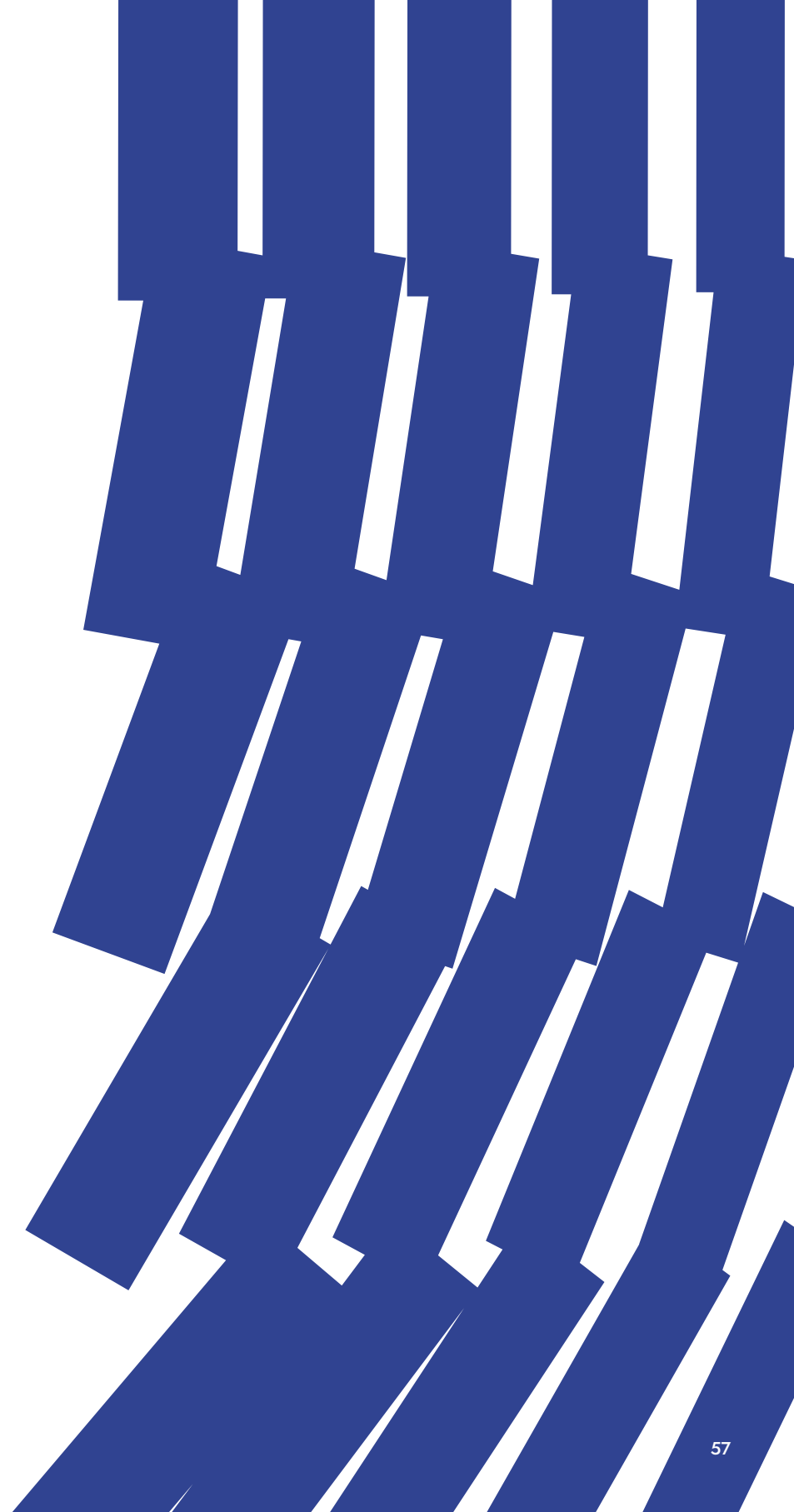
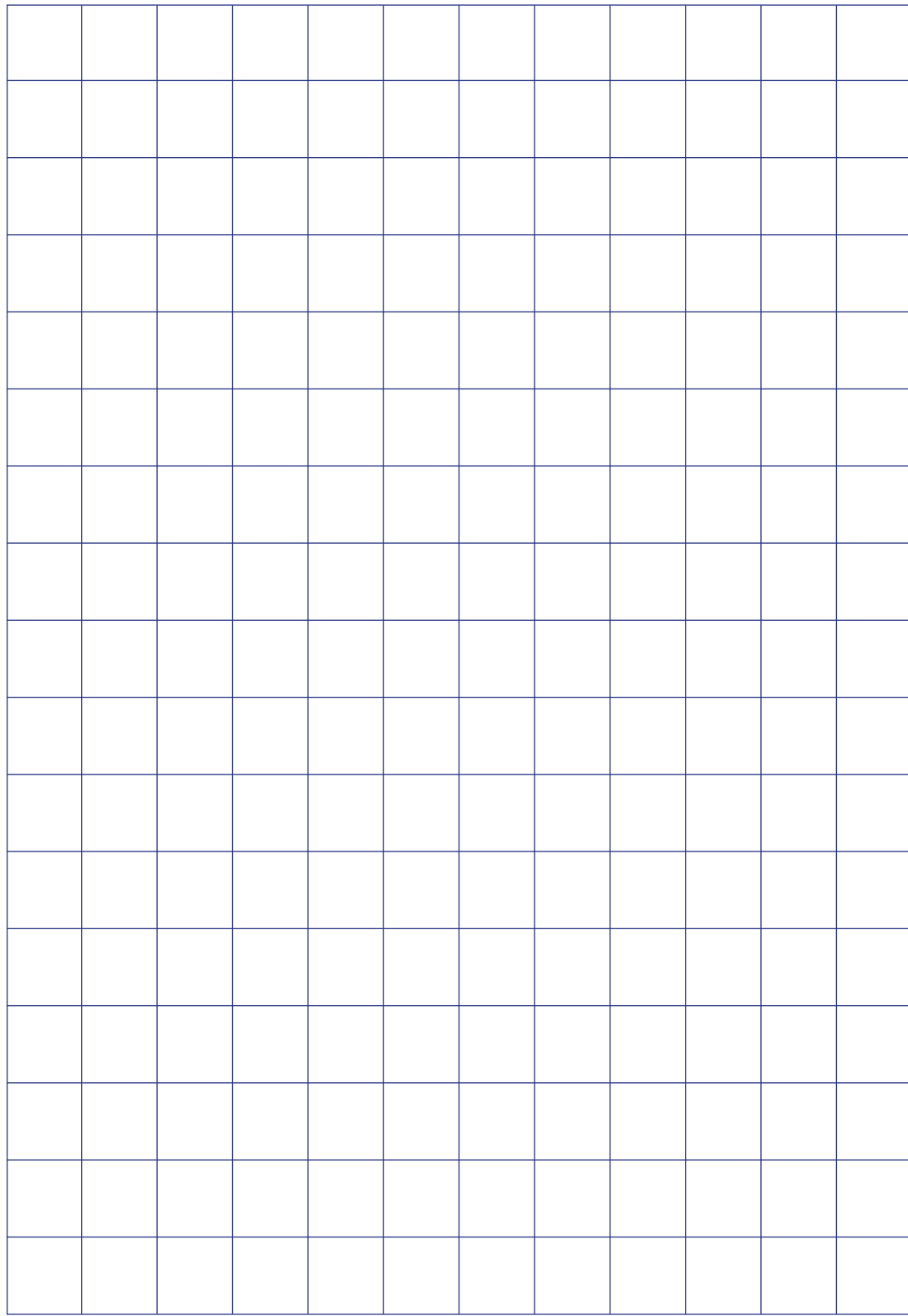
SILVER













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