**UNECE EXPERT MEETING ON STATISTICAL DATA CONFIDENTIALITY**

26 to 28 September 2023

*Hochschule RheinMain, Building A (“Audimax” room), Kurt-Schumacher-Ring, 18 65197 Wiesbaden*

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**Tentative timetable**

**Tuesday, 26 September 2023**

<table>
<thead>
<tr>
<th>Time</th>
<th>Item</th>
</tr>
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<tbody>
<tr>
<td>08:45</td>
<td>Registration</td>
</tr>
<tr>
<td>09:30</td>
<td><strong>Welcome and opening</strong></td>
</tr>
<tr>
<td></td>
<td>Initial remarks from UNECE</td>
</tr>
<tr>
<td>09:45</td>
<td><strong>Updates from the UNECE High Level Group on the Modernisation of Official Statistics</strong></td>
</tr>
<tr>
<td>09:55</td>
<td><strong>Topic: Innovative approaches in granting access to microdata</strong></td>
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<tr>
<td></td>
<td><em>Organizers: Aleksandra Bujnowska (Eurostat) &amp; Eric Schulte Nordholt (Statistics Netherlands)</em></td>
</tr>
<tr>
<td>10:00</td>
<td>Remote Access for Scientific Use Files – a New Pathway for German Official Statistics Microdata Access</td>
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<tr>
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<td>Speaker: Hanna Brenzel, Destatis</td>
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<tr>
<td>10:15</td>
<td>Remote access to European microdata</td>
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<tr>
<td></td>
<td>Speaker: Frank Espelage, Eurostat</td>
</tr>
<tr>
<td>10:30</td>
<td>Governance of confidential research data in low- and middle-income countries</td>
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<tr>
<td></td>
<td>Speaker: Pedro Ferrer-Breda, University of the West of England</td>
</tr>
<tr>
<td>10:45</td>
<td>Questions to the authors</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>Topic: General discussion and conclusions</strong></td>
</tr>
<tr>
<td>11:15</td>
<td><strong>Break (20 minutes)</strong></td>
</tr>
<tr>
<td>11:35</td>
<td><strong>Topic: Producing useful microdata files</strong></td>
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<tr>
<td></td>
<td><em>Organizers: Tomasz Klimanek (Statistical Office in Poznań, Poland) &amp; Eric Schulte Nordholt (Statistics Netherlands)</em></td>
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<tr>
<td>11:40</td>
<td>An overview of data protection strategies for individual-level geocoded data</td>
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<tr>
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<td>Speaker: Maike Steffen, Institute for Employment Research (IAB)</td>
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<tr>
<td>11:55</td>
<td>Smoothing the way for secure data access using synthetic data</td>
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<tr>
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<td>Speakers: Emily Oliver, Administrative Data Research UK, Richard Welpton, Economic and Social Research Council</td>
</tr>
<tr>
<td>12:10</td>
<td>Questions to the authors</td>
</tr>
<tr>
<td>12:20</td>
<td><strong>Lunch break</strong></td>
</tr>
<tr>
<td>13:30</td>
<td><strong>Topic: Producing useful microdata files (continued)</strong></td>
</tr>
<tr>
<td>13:35</td>
<td>Overview of the AnigeD Project and Potentials of Dataset Synthetization for Official Statistics and Research</td>
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<tr>
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<td>Speaker: Yannik Garcia Ritz, Destatis</td>
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<tr>
<td>13:55</td>
<td>Study and analysis for the elaboration and dissemination of microdata of sociodemographic information</td>
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<tr>
<td></td>
<td>Speaker: Marta Mas Moreno, Ana Maria Miranda Ligüerzana, Basque Statistics Office</td>
</tr>
<tr>
<td>14:10</td>
<td>Questions to the authors</td>
</tr>
<tr>
<td>14:20</td>
<td><strong>Topic: General discussion and conclusions</strong></td>
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<tr>
<td>Time</td>
<td>Item</td>
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<tr>
<td>14:40</td>
<td><strong>Topic: Challenges in publishing safe tables and maps</strong></td>
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<td><em>Organizer: Sarah Giessing (Destatis)</em></td>
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<tr>
<td>14:45</td>
<td>Protecting High-Resolution Poverty Statistics against Disclosure using Differential Privacy</td>
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<td></td>
<td><em>Speaker: Raphaël de Fondeville, Swiss Federal Statistical Office</em></td>
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<tr>
<td>15:00</td>
<td>An overview of used methods to protect the European Census 2021 tables</td>
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<td><em>Speaker: Marieke de Vries, Statistics Netherlands, Reinhard Tent, Destatis</em></td>
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<tr>
<td>15:15</td>
<td>A Disclosure-Based Framework for Comparing Frequency Table Protection</td>
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<td><em>Speaker: Daniel Lupp, Statistics Norway</em></td>
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<tr>
<td>15:30</td>
<td>Questions to the authors</td>
</tr>
<tr>
<td>15:45</td>
<td><strong>Break (20 minutes)</strong></td>
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<tr>
<td>16:05</td>
<td>Spatial SDC experiments and evaluations – multiple countries comparison</td>
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<tr>
<td></td>
<td><em>Speaker: Johannes Gussenbauer, Statistics Austria</em></td>
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<tr>
<td>16:20</td>
<td>What is Reconstruction and Reidentification? Illustrations from the 2010 US Census Tabular Data Release</td>
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<tr>
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<td><em>Speaker: Krish Muralidhar, University of Oklahoma</em></td>
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<tr>
<td>16:35</td>
<td>The Potential of Differential Privacy Applied to Detailed Statistical Tables Created Using Microdata from the Japanese Population Census</td>
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<tr>
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<td><em>Speaker: Shinsuke Ito, Chuo University</em></td>
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<tr>
<td>16:50</td>
<td>Questions to the authors</td>
</tr>
<tr>
<td>17:05</td>
<td>Topic: General discussion and conclusions</td>
</tr>
<tr>
<td>17:25</td>
<td>Group photo</td>
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<tr>
<td>17:30</td>
<td><strong>End of Day 1</strong></td>
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<tr>
<td>17:30</td>
<td><strong>Reception, RheinMain campus</strong></td>
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**Wednesday, 27 September 2023**

<table>
<thead>
<tr>
<th>Time</th>
<th>Item</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Reflections from day 1</td>
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<tr>
<td>09:15</td>
<td><strong>Topic: Risk assessment: Privacy, confidentiality, and disclosure vs utility</strong></td>
</tr>
<tr>
<td></td>
<td><em>Organizers: Josep Domingo-Ferrer (Universitat Rovira i Virgili) &amp; Krish Muralidhar (University of Oklahoma)</em></td>
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<tr>
<td>09:20</td>
<td>Assessing the utility of synthetic data: A density ratio perspective</td>
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<td><em>Speaker: Thom Volker, Utrecht University, Statistics Netherlands</em></td>
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<tr>
<td>09:35</td>
<td>Intruder testing for Census 2021 England and Wales– checking risk and utility in Build Your Own system</td>
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<td><em>Speaker: Samantha Trace, Office for National Statistics</em></td>
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<tr>
<td>09:50</td>
<td>Questions to the authors</td>
</tr>
<tr>
<td>10:00</td>
<td>Making Attribute Information of Synthetic Data Interpretable With the Aggregation Equivalence Level</td>
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<td></td>
<td><em>Speaker: Lotte Pater, Ministry of Education, Culture and Science (the Netherlands)</em></td>
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<tr>
<td>10:15</td>
<td>Generating Synthetic Microdata and Assessing Statistical Disclosure Risk Measures</td>
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<td><em>Speaker: Alvin V. Solatorio, World Bank</em></td>
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**Wednesday, 27 September 2023 (continued)**

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<thead>
<tr>
<th>Time</th>
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</table>
| 10:30    | **Do samples of synthetic microdata population replicate the relationship between samples taken from an original population and that population?**  
           Speaker: Mark Elliot, University of Manchester |
| 10:45    | Questions to the authors                                             |
| 11:00    | **Break (20 minutes)**                                               |
| 11:20    | **Confidence-ranked reconstruction of census records does not reflect privacy risks or reidentifiability**  
           Speaker: Josep Domingo-Ferrer, Universitat Rovira i Virgili |
| 11:35    | **Differential privacy for microdata**  
           Speaker: Thijs Benschop, World Bank |
| 11:50    | Questions to the authors                                             |
| 12:00    | **The case of bounds in noisy protection methods: Selected risk and utility perspectives from official population statistics**  
           Speaker: Fabian Bach, Eurostat |
| 12:15    | **Dissemination of agricultural geo-referenced data within the context of the 50x30 initiative: an overview of the tradeoff between disclosure risk and data utility**  
           Speaker: Amsata Niang, United Nations Food and Agriculture Organization |
| 12:30    | Questions to the authors                                             |
| 12:40    | **Topic: General discussion and conclusions**                        |
| 13:00    | **Lunch break**                                                     |
| 14:10    | **Topic: Output checking in research data centres**                 |
| 14:15    | **A Case Study of Output Checking in Japan**                         |
|           Speaker: Yutaka Abe, National Statistics Center              |
| 14:30    | **Towards a comprehensive theory and practice of output SDC**       |
|           Speaker: Felix Ritchie, University of the West of England Bristol |
| 14:45    | Questions to the authors                                             |
| 14:55    | **Break (20 minutes)**                                               |
| 15:15    | **COACH: COmputer-Assisted output CHecking with Human-in-the-Loop**  |
|           Speaker: Manel Slokom, Statistics Netherlands                |
| 15:30    | **SACRO: semi-automated output checking**                            |
|           Speaker: Jim Smith, University of the West of England Bristol |
| 15:45    | **Checking Data Outputs from Research Works: a Mixed Method with AI and Human Control**  
           Speaker: Titouan Rigaud, CASD Secure data hub |
| 16:00    | Questions to the authors                                             |
| 16:15    | **Topic: General discussion and conclusions**                        |
| 16:35    | **End of Day 2**                                                    |
| **TBC**  | **Guided tour/walk**                                                |
| **TBC**  | **Dinner, by reservation**                                           |
**Thursday, 28 September 2023**

<table>
<thead>
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<th>Time</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Reflections from day 2</td>
</tr>
<tr>
<td>09:15</td>
<td><strong>Topic: Other emerging issues</strong></td>
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<tr>
<td></td>
<td><em>Organizers: Annu Cabrera (Statistics Finland) &amp; Peter-Paul de Wolf (Statistics Netherlands)</em></td>
</tr>
<tr>
<td>09:20</td>
<td><strong>SDC in statistical education - the Polish experience</strong></td>
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<td>Speaker: Tomasz Klimanek, Statistical Office in Poznań, Poland</td>
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<td>09:35</td>
<td><strong>Experiments on Federated Data Synthesis</strong></td>
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<td>Speaker: Mark Elliot, University of Manchester</td>
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<tr>
<td>09:50</td>
<td><strong>Insights into privacy-preserving federated machine learning from the perspective of a national statistical office</strong></td>
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<td>Speaker: Francesco Pugliese, ISTAT</td>
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<tr>
<td>10:05</td>
<td>Questions to the authors</td>
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<tr>
<td>10:20</td>
<td><strong>The risk of identity disclosure through network structure: anecdotal evidence from a hackathon</strong></td>
</tr>
<tr>
<td></td>
<td>Speaker: Marieke de Vries, Statistics Netherlands</td>
</tr>
<tr>
<td>10:35</td>
<td><strong>Disclosure control issues in complex medical data</strong></td>
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<tr>
<td></td>
<td>Speaker: Elizabeth Green, University of the West of England</td>
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<tr>
<td>10:50</td>
<td>Questions to the authors</td>
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<tr>
<td>11:00</td>
<td><strong>Topic: General discussion and conclusions</strong></td>
</tr>
<tr>
<td>11:25</td>
<td><strong>Outcome of discussions on Future Work</strong></td>
</tr>
<tr>
<td>12:05</td>
<td>Conclusion of the meeting.</td>
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<tr>
<td>12:20</td>
<td><strong>End of the meeting</strong></td>
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