

STANDARD DECLARATION OF INTERESTS (DOI) FORM

Definitions:

“**Activity**” or “**Activities**” (capitalised ‘A’) means an activity or activities of or under the Group of Chief Scientific Advisors for instance in its formation as Coordination Group or in sub-groups, or that or those in relation thereto, for example, SAPEA Working Groups.

"**Conflict of interest**" means any situation where an individual has an interest that may compromise or be reasonably perceived to compromise the individual's capacity to act independently and in the public interest when providing advice to the Commission in relation to Activities performed.

"**Immediate family member**" means the individual's spouse, children and parents. "Spouse" includes a partner with whom the individual has a registered non marital regime. "Children" means the child(ren) the individual and the spouse have in common, the own child(ren) of the individual and the own child(ren) of the spouse.

"**Legal entity**" means any commercial business, industry association, consultancy, research institution or other enterprise whose funding is significantly derived from commercial sources. It also includes independent own commercial businesses, law offices, consultancies or similar.

"**Body**" means a governmental, international or non-profit organisation.

"**Meeting**" includes a series or cycle of meetings.

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**Please answer each of the questions below. If the answer to any of the questions is "yes", please briefly describe relevant interests and circumstances, as appropriate.**

**If you do not describe relevant interests and your DoI form is considered to be incomplete, or if declared interests are considered to constitute a Conflict of Interest, you may be excluded from all or part of the Activities.**

First name: Paul

Family name: Groth

Date: Sept 19, 2023

Description of the Activity: Successful and timely uptake of Artificial Intelligence in science in the EU

# 1 EMPLOYMENT CONSULTANCY AND LEGAL REPRESENTATION

<b>Within the past 5 years, were you employed or have you had any other professional relationship with a natural or legal entity, or held any non-remunerated post in a legal entity or other body with an interest in the field of the Activity in question?</b>	<b>yes</b>	<b>no</b>
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<i>1a</i>	<i>Employment</i>	<input type="checkbox"/> x	<input type="checkbox"/>
<i>1b</i>	<i>Consultancy, including services as an advisor</i>	<input type="checkbox"/> x	<input type="checkbox"/>
<i>1c</i>	<i>Non-remunerated post</i>	<input type="checkbox"/>	<input type="checkbox"/> x
<i>1d</i>	<i>Legal representation</i>	<input type="checkbox"/>	<input type="checkbox"/> x

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
<b>1a. Professor of Algorithmic Data Science</b>	<b>Nov. 2018 - present</b>	<b>University of Amsterdam</b>	<b>My role involves research and teaching in the area of artificial intelligence and data. I also lead the university's data science centre.</b>
<b>1b. Founder and CTO</b>	<b>June 2023 - present</b>	<b>longform.ai</b>	<b>Startup focused on building structured data using generative models.</b>
<b>1b. Advisor</b>	<b>Mar. 2021 – Mar. 2023</b>	<b>Hivemap</b>	<b>Advisor to startup on the use of NLP and Knowledge Graphs. The startup no longer operates.</b>
<b>1b. Consultant</b>	<b>Jan. 2019 – Jan 2021</b>	<b>Semi.Technology</b>	<b>Consulted for startup on knowledge graph technologies.</b>
<b>1c. Editor</b>	<b>Jan. 2015 - present</b>	<b>Co-editor Springer Synthesis Lectures on Data, Semantics, and</b>	<b>Reviewing and deciding on new books for this</b>

		<b>Knowledge</b>	<b>series</b>
<b>1c. Editorial Board</b>	<b>Nov. 2016 – present</b>	<b>Journal of Web Semantics</b>	
<b>1c. Editorial Board</b>	<b>March 2023 – present</b>	<b>Transactions on Graph Data and Knowledge (TGDK)</b>	
<b>1c. Editorial Board</b>	<b>March 2020 - present</b>	<b>Data Intelligence</b>	

## 2 MEMBERSHIP OF MANAGING BODY, SCIENTIFIC ADVISORY BODY OR EQUIVALENT STRUCTURE

	<b>Within the past 5 years, have you participated in the internal decision-making of a legal entity or other body with an interest in the field of Activities in question or have you participated in the works of a Scientific Advisory Body with voting rights on the outputs of that entity?</b>	<b>yes</b>	<b>no</b>
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<i>2a</i>	<i>Participation in a decision-making process</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/> x
<i>2b</i>	<i>Participation in the work of a Scientific Advisory Body</i>		<input checked="" type="checkbox"/> x	<input type="checkbox"/>
<i>Activity</i>	<i>Time period (from... until month/year)</i>	<i>Name of legal entity or body</i>	<i>Description</i>	
<b>2b. Scientific Advisory Board</b>	<b>Nov. 2022 - present</b>	<b>BERD@NFDI Consortium</b>	<b>Comment on planning and review progress of the consortium. <a href="https://www.berd-nfdi.de">https://www.berd-nfdi.de</a></b>	

## 3 RESEARCH SUPPORT

	<b>Within the past 5 years, have you, or the research entity (institute or department) to which you belong, received any support from a legal entity or other body with an interest in the field of Activities in question?</b>	<b>yes</b>	<b>no</b>
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<i>3a</i>	<i>Research support, including grants, rents, sponsorships, fellowships, non-monetary support</i>	<input checked="" type="checkbox"/> X	<input type="checkbox"/>
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<i>Activity</i>	<i>Time period (from... until month/year)</i>	<i>Name of legal entity or body</i>	<i>Description</i>
<b>Research Grant</b>	<b>Oct 2022 – Sept 2025</b>	<b>Horizon Europe</b>	<b>Co-PI: Efficient Explainable Learning on Knowledge Graphs</b>  ENEXA.eu  <b>Grant number: 101070305</b>
<b>Research Grant</b>	<b>Oct. 2020 – Oct 2024</b>	<b>NWO Nederlandse Organisatie voor Wetenschappelijk Onderzoek</b>	<b>Co-PI: Making the hidden visible: Co-designing for public values in standards-making and governance. WO Responsible Innovation Grant</b> <b>Grant number: MVI.19.032</b>
<b>Research Grant</b>	<b>Nov 2019 – Dec 2020</b>	<b>Air Force Office of Scientific Research</b>	<b>PI: Knowledge Graph Construction from Situated Multimodal Dialogue, Award Number: FA8655-20-1-7005.</b>
<b>Research Grant</b>	<b>Jan 2022 – Dec 2024</b>	<b>Air Force Office of Scientific Research</b>	<b>CO-PI: CausalFusion: Causal Knowledge Extraction and Fusion from Multiple Modalities. Award number: FA8655-22-1-7155</b>
<b>Research Support</b>	<b>Nov 2019 – Nov 2024</b>	<b>Elsevier, Vrije Universiteit Amsterdam, University of Amsterdam, RVO.nl</b>	<b>Innovation Center for Artificial Intelligence Discovery Lab.</b> <a href="https://discoverylab.ai">https://discoverylab.ai</a>
<b>Research Support</b>	<b>Oct 2019 – Dec 2025</b>	<b>Ahold-Delhaize, University of Amsterdam, RVO.nl</b>	<b>Innovation Center for Artificial Intelligence: AI for Retail Lab (AIRLab).</b>

			<a href="https://icai.ai/airlab/">https://icai.ai/airlab/</a>
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#### 4 FINANCIAL INTERESTS

	<b>Do you have current investments in a legal entity with an interest in the field of Activities in question, including holding of stocks and shares, and which amounts to more than 10,000 EUR per legal entity or entitling you to a voting right of 5% or more in such legal entity?</b>	<b>yes</b>	<b>no</b>
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<i>4a</i>	<i>Shares</i>	<input checked="" type="checkbox"/> x	<input type="checkbox"/>
<i>4b</i>	<i>Other stock</i>	<input checked="" type="checkbox"/> x	<input type="checkbox"/>

<i>Investment</i>	<i>Name of legal entity</i>	<i>Description</i>
<b>Equity stake</b>	<b>longform.ai</b>	<b>I currently have 25% stake in an AI based start-up where I am co-founder and CTO.</b>
<b>Stock</b>	<b>Apple Inc.</b>	<b>I own 107 shares of Apple Incorporated as part of a retirement fund.</b>

#### 5 INTELLECTUAL PROPERTY

	<b>Do you have any intellectual property rights that might be affected by the outcome of the Activities in question?</b>	<b>yes</b>	<b>no</b>
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<i>5a</i>	<i>Patent, trademarks, or copyrights</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/> x
<i>5b</i>	<i>Others</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/> x

<i>Intellectual property</i>	<i>Description</i>

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**6 PUBLIC STATEMENTS AND POSITIONS**

<i>Within the past 5 years, have you provided any expert opinion or testimony in the field of Activities in question, for a legal entity or other body as part of a regulatory, legislative or judicial process? Within the past 5 years have you held an office or other position, paid or unpaid, where you represented interests or defended a public statement or position in the field of Activities in question?</i>	<b>yes</b>	<b>no</b>
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<b>6a</b>	<b>For a legal entity or other body as part of a regulatory, legislative or judicial process</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>6b</b>	<b>Represented interests or defended an opinion</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Activity	Time period (from... until month/year)	Name of legal entity or body	Description

**7 INTERESTS OF IMMEDIATE FAMILY MEMBERS** yes      no

<b>7a</b>	To your knowledge, are there any interests of your immediate family members which could be seen as undermining your independence when providing advice to the Commission in the field of the Activities in question?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Interests	Time period (from... until month/year)	Name of legal entity or body	Description
<b>Involvement in AI</b>	<b>Sept 2017– Nov</b>	<b>KNAW</b>	<b>My wife Dr. Marieke van</b>

research	2028	Humanities Cluster	Erp <a href="https://mariekevanerp.com">https://mariekevanerp.com</a> is involved in AI research as part of her job at the KNAW Humanites Cluster. In particular, she has an ERC consolidator grant on using AI related technologies for humanities.
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<b>7b</b>	<i>If interests of your immediate family members are declared, it is your responsibility to inform them about the collection and publication of information on their interests included in the DoI and to provide them with the privacy statement attached to the guidance for filling in this DoI, and this at the latest when you file the DoI form with the Commission.</i>
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**8 OTHER RELEVANT INFORMATION** yes      no

<b>8a</b>	<b>Are there any other elements that could be seen as undermining your independence when providing advice to the Commission in the field of the Activities in question?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Description:

I hereby declare on my honour that I have read the guidance for completing this form. I also declare on my honour that the information disclosed in this form is true and complete to the best of my knowledge.

Should there be any change to the above information, including as regards upcoming activities, I will promptly notify the competent department or entity and complete a new DoI form describing the changes in question.

I am informed that my personal data are stored, processed and published in accordance with the applicable data protection legislation.

I have been informed that this form may be shared with the European Commission and will be publicly available once the SAPEA report is published.

Date: \_\_\_\_\_

Signature: \_\_\_

