



RDA & Microsoft Collaboration

Global Community Priorities for Agentic AI in Research

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Tuesday 11 November 2025, 16:00-16:45 UTC

RDA's Global Community Consultation on AI in Research: Information Session 1



RDA Values



Vision

Researchers and innovators openly share and reuse data across technologies, disciplines, and countries to address the grand challenges of society.

Mission

The RDA builds the social and technical bridges that enable open sharing and reuse of data.



[How the RDA works](#)

Guiding Principles



Openness



Consensus



Inclusivity



Harmonisation



Community-driven



Non-profit &
technology-neutral



Welcome and Housekeeping

Time (UTC)	Agenda Item	Lead
16:00 - 16:05	An introduction to the consultation	Connie Clare (RDA)
16:05 – 16:15	Collaborating with and Building AI Agents	Asst. Prof. Harang Ju (John Hopkins Carey Business School)
16:15 – 16:25	Agentic AI in the Research Lifecycle	Ryan Payton (Microsoft)
16:25 – 16:40	Menti Feedback Session	All participants
16:40 – 16:45	Closing remarks and next steps	Connie Clare (RDA)

Recording in Progress

This session is being recorded and presentations will be published online.

Keep Your Mic Muted

Please mute yourself to minimise background noise.

Cameras On Appreciated

We'd love to see your face! Please keep your camera on if possible.

Respectful Dialogue – [RDA's Code of Conduct](#)

Listen openly and respect all perspectives shared. Adhere to the scope of the session.

 Questions or comments? Use [our collaborative notes](#) and contact hilary.hanahoe@rda-foundation.org



RDA's Public-Private Partnership Framework



- Facilitates **high-impact community activities** on **topics of mutual interest**
- Bridges **industry innovation** with research **infrastructure needs**
- Organisations **collaborate with data experts**, **gain global visibility** and **shape open science** and **research**
- Brings **professional facilitation support**, **accelerated timelines**, **real-world adoption** and **implementation perspectives**
- Adheres to **RDA Guiding Principles** and **processes**



RDA-Microsoft Expert Roundtables



- Open white papers
- Recommendation: 'investing in automated data preparation tools' and agentic AI emerged as 'top skilling need'

- How researchers **prepare data for AI** and **develop skills** for AI-driven research
- How **technologies** like **HPC** and **QC** transform research capabilities





Microsoft

Agentic AI in support of Science and Research

- New community consultation on **agentic AI in research**
 - Autonomously assist with research tasks from data analysis to publication
 - Accelerate research, lower costs and democratise access to tools
- **November 2025: Survey and online information sessions**
- **December 2025: Open report**
- **2026 onwards: Open technology-agnostic blueprint for priority agent**

How is the research community currently using agentic AI?

What needs and challenges exist?

Where could agentic AI have the greatest impact?

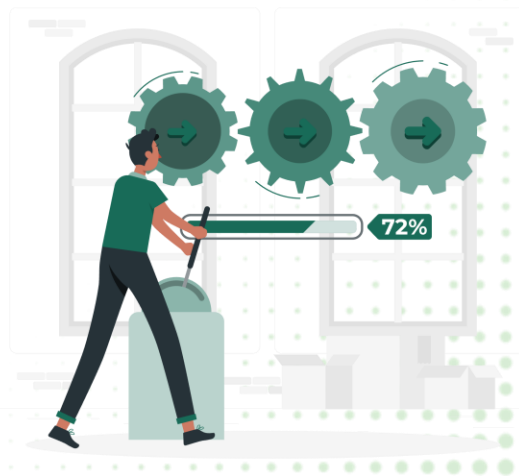


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What is Agentic AI*?

Agentic AI refers to artificial intelligence systems that possess autonomy, goal-directed reasoning, and the ability to **act independently with minimal human oversight**. In contrast, traditional AI typically responds to direct prompts.



*This definition is used for the purposes of this initiative. We recognise that the broader community may hold different definitions, perceptions, and understandings of Agentic AI.



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Collaborating with and Building AI Agents

Assistant Professor Harang Ju





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Agentic AI in the Research Lifecycle

Dr Ryan Payton



Record RDA Agent Slides

2025-11-07 16:44 UTC

Recorded by

Ryan Payton

Organized by

Ryan Payton

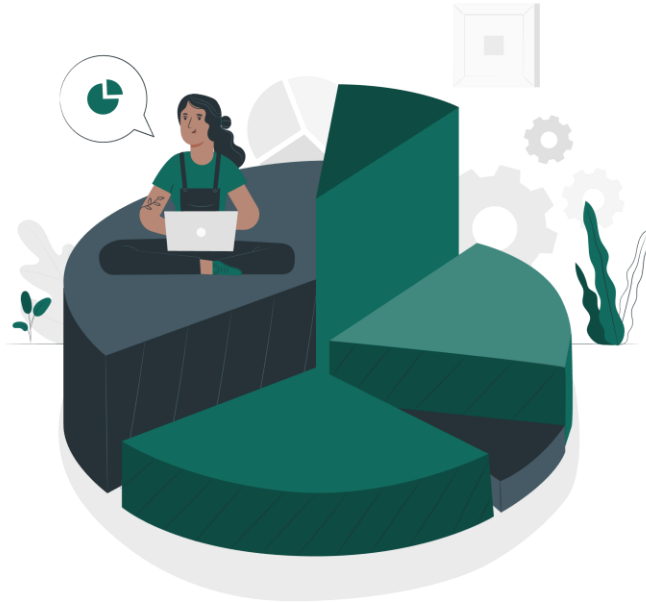


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Menti Discussion



menti.com
8882 8065



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Closing Remarks and Next Steps

1. Complete the [15-minute anonymous survey](#) to share your perspectives on agentic AI
Tangible Output: Open community report (Dec 2025)
2. Phase 2: Open technology-agnostic blueprint (Jan-March 2026)
Do you want to get involved in the next steps?
Email connie.clare@rda-foundation.org



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Research Data Alliance

Upcoming Information Sessions



Australia

Moji Ghadimi

Head of AI &
Quantum
Algorithms,
Queensland Cyber
Infrastructure
Foundation (QCIF)

Wednesday 12
November →

[Register](#)



Nigeria

**Ugochi
Okengwu**

Associate Professor
at University Port
Harcourt

Wednesday 13
November →

[Register](#)



Singapore

**Mukkesh
Kumar**

Head of Data
Management at
A*STAR

Thursday 27
November →

[Register](#)



Thank you for your attention