**2024 IBM-Illinois Discovery Accelerator Institute Pre-proposal Template**

# Title of Project:

1. **Name(s) and contact information (email) of ILLINOIS Principal Investigator(s):**

ILLINOIS Principal Investigator: Name: email:

Other co-PIs (please add lines as required): Name: email:

# Name(s) and contact information (email) of IBM Technical Leader(s):

IBM Technical Leader: Name: email:

[If known; leave blank otherwise – if selected for full proposal submission, effort will be made to identify IBM Technical Leader]

1. **Thrust:** Select from Hybrid Cloud & AI, Quantum Computing, Climate & Sustainability, or Materials Discovery (select more than one when applicable)**:**
2. **Project Term:** Start Date: 8/16/25 Proposed period of Performance (in months):

# Estimated Project Budget per Year:

# Please specify if any of the following are applicable. If selected for full proposal submission, assistance will be provided to clear any issues ahead of time.

# Confidential Information is expected to be exchanged. Yes or No? Specify from IBM, ILLINOIS, or both.

# Background Data (including any unique data terms and conditions) is expected to be required. Yes or No? Specify from IBM, ILLINOIS, or both.

# Software

# Software from Third Party or Open Source may be used. Yes or No?

# 1a. If yes and if known: please specify name of the license.

# For Software developed under the project, will an anticipated Open Source License be used? (Note that we will not patent software algorithms if the software implementation is made available under an open source license.) Yes or No?

# 2a. If yes and if known: please specify name of the license.

# For Software developed under the project, do parties anticipate to file patent applications? Yes or No?

# Do you expect export-controlled items to be provided to ILLINOIS? Yes or No? If yes, please provide a brief description of the items.

# Do you expect Background Materials or Background Inventions required to be used in the Project, and reasonably anticipated by either Party to be required to Commercialize Foreground Materials, ILLINOIS Sole Inventions, IBM Sole Inventions, and/or Joint Inventions? Yes or No? If yes, please provide a brief description of the background materials and inventions.

# Pre-proposal Project Description: See next page for additional guidance. Ease of readability is strongly encouraged.

# Pre-proposal Project Description

# Applicable Thrust(s):

# Thrust Sub-area, if applicable:

# Proposed Project Title:

# Lead ILLINOIS PI:

# Lead IBM Technical Leader (if known):

# Proposed Project Relevance to IBM Research Priorities and Interests (150 words maximum)

# This section should consist of a brief overview of work being proposed, a brief statement on anticipated technological advances and outcomes. This section should also briefly address how the proposed work is aligned with IBM priorities and interests. The text should utilize Times New Roman 11-point font, or Arial 10 font, or equivalent.

# Proposed Project Abstract (750 words maximum; no figures or graphs)

# The abstract should provide a brief description of the background and state-of-the art to communicate to the reader the main challenge(s) or open problem(s) to be addressed, the limitations of the state-of-the-art, the current stage of authors’ research, and how expected project outcomes will impact the field. Authors are given broad leeway in structuring their abstracts. However, a brief description of the scope of work and anticipated outcomes is expected. Briefly outlining major tasks and proposed approaches for completing the tasks are welcome. Authors are encouraged to highlight the novelty of the proposed approaches and comparing these with other approaches. Unique aspects of the proposed research, especially with respect to the authors’ leadership position, may be clarified in this section. Authors are encouraged to take care to define a scope of work that is appropriate for the level of funding sought. Please also refer to Section 3 of the RFP for general objectives of proposed research. The text should utilize Times New Roman 11-point font, or Arial 10 font, or equivalent.

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