

Sandpit Competition 2026 – Proposal Template

APRIL AI Hub Resources and Platforms

Give the tool you intend to use through APRIL AI Hub.

(Details in Call for Proposals)

Describe:

- Your prior experience with the resource, or
- Steps you will take to onboard and adopt them if you are a new user

Dataset and Model (if applicable)

Provide details about your data and models:

- **Estimated data size (TB):**
- **Data type (e.g., video, LiDAR, text, audio):**
- **Source (in-house or open source):**
- **Sensitivity:** Indicate whether data includes confidential or personal information and describe any restrictions (*data requiring NDA access is not permitted*)
- **Model scale:** Approximate number of parameters (if applicable)
- **Data storage location (geographic region):**

Introduction

Describe:

- The problem you are addressing
- The proposed solution
- Why the work is important
- What is novel about your approach
- Why this work is needed now

Methods

Describe your technical approach, including:

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- Algorithms and methodologies
- Programming languages and tools
- System architecture (if relevant)

How APRIL AI Hub resources will support your work

Expected Results

Provide:

- A **month-by-month timeline** with milestones
- Details on when and how APRIL AI Hub resources will be used
- Expected outputs (e.g., publications, conference submissions, open-source code, prototypes)
- Any dependencies on external funding or resources

Funding Resources Needed

Justify the resource costings you are requesting. Include:

- Estimated compute requirements per project stage
- Storage needs
- Any specialized hardware requirements

Refer to the specific call for proposals (CFP) for maximum allowable resources. Requests exceeding limits may not be considered. Please detail any matched funding input from industrial partners.

Cloud Readiness *(complete only if requesting cloud resources)*

Describe your technical preparedness for using APRIL AI Hub infrastructure:

- Operating system and development environment *(cloud systems run on Ubuntu Linux)*
- Initial setup plan if resources are granted
- Experience with:

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- Data transfer and ingestion
- Dependency installation (e.g., pip, conda)
- Running code via command line
- Managing intermediate results and backups
- GPU acceleration frameworks (e.g., CUDA or equivalents)
- Containerization (e.g., Docker)

Note: Users are responsible for configuring and managing their own environments.

Appendices

Appendix A – Previous Collaboration with APRIL AI Hub (*optional, max 1 page*)

Describe prior interactions with APRIL AI Hub, if any:

- Nature of collaboration (e.g., funding, infrastructure access, programs)
- Names and contact details of collaborators
- Outcomes (e.g., publications, courses, deployments, users reached)

Appendix B – CV(s) (*required*)

Provide a CV for each investigator and collaborator (*maximum 1 page each*), highlighting relevant publications and experience.

Appendix C – Citations (*optional, max 1 page*)