

Ion-ARPA White Paper Format

Cover Page (excluded from 5-page limit)

Title of Proposal:

Principal Investigator(s) and Institution(s) (Name, address, Email, phone)

Team members:

Date of submission:

Estimated total cost for 24 months (including indirect costs):

White papers do not require a letter from an institutional official

White papers do not require a letter from collaborators

White papers shorter than 5 pages will not be penalized

White Paper (up to 5 additional pages)

Graphical Abstract and explanatory text: Graphical abstracts are a single image, designed to help the reader to quickly gain an overview of the proposal. The explanatory text should succinctly convey the main objective, key innovations, expected impact, and other unique aspects of the proposed project.

Background: Provide a clear description of why and how the proposed project answers the request for proposals.

Approach: Briefly describe your approach to solving the problem. Include relevant background data. Include the current status of your approach (if relevant, approaches with no previous data are welcome).

Objectives: Specify the objectives of the proposed effort.

Technical strategy: Outline the proposed methodology in sufficient detail to show a clear course of action.

Anticipated outcomes: Provide a description of the anticipated outcomes from the proposed work.

List key milestones and deliverables from the proposed work.

Facilities: Briefly describe the environment where the work will be conducted.

Key risks and potential mitigations: Identify the most important likely causes of failure and any notions you have about mitigation or workarounds.

Participants: Briefly state the qualifications of the principal investigator, key personnel, and organizations. If available include links to institutional lab page, Google Scholar, or LinkedIn.