**Pre-Application Concept Paper Submission Form**

(*Please submit Non-confidential Information only*)

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| **Proposer name and title** |  |
| **Institution, street address** |  |
| **Phone** |  |
| **Email** |  |
| **Technical challenge being addressed**  |  |
| **Proposed project title:** |
| **Background/State of the art:** |
| **Graphical abstract** *(A figure or diagram illustrating the concept)* |
| **Project description** *(Brief description of the concept and objectives of the proposal, including technical requirements, hypothesis, and novelty with respect to the state of the art in the field. ~500 words or less)* |
| **Proposer team, capabilities, and resources** *(personnel, equipment, and demonstrated experience in the field including publications and intellectual property)* |
| **Technology Readiness Level (TRL)** *(1-9, using TRL definition by DOE,* [*http://en.wikipedia.org/wiki/Technology\_readiness\_level#Other\_definitions\_and\_uses*](http://en.wikipedia.org/wiki/Technology_readiness_level#Other_definitions_and_uses)*)* |
| **References cited:** |