

The first phase of DOMA has concluded. The main goals over two and half years were: a) creating a forum to discuss and foster ideas (and issues) on data management across experiments, and b) evaluate and evolve technologies toward future data management models, as defined in the HFS Community White Paper and the WLCG HL-LHC computing strategy documents.

The second phase of DOMA should focus on defining prototypes based on those technologies, measuring their effectiveness and commissioning them progressively toward HL-LHC through a series of data challenges. Of course, continuing offering a forum to discuss and foster ideas (and raise issues) will remain a primary goal.

We propose to appoint a new coordinating team for DOMA phase-2 with the following mandate. The new team will be responsible to define the evolving structure of DOMA. We envision some continuity between phase 1 and phase 2, via a co-coordination team of three people, with opening for two new co-coordinators.

MANDATE of DOMA co-coordinators

The WLCG DOMA sub-project provides a forum to discuss and foster ideas on all aspects of data management across experiments. It facilitates the process of evaluating and evolving data management technologies towards future models addressing the HL-LHC computing challenge. The DOMA co-coordinators are mandated to oversee the activities of the WLCG DOMA sub-project and in particular the R&D process leading to the implementation of novel solutions. This activity consists of collecting and documenting the different solutions and what they intend to achieve, what are the boundary conditions that led to defining a solution and how it is foreseen to integrate it with an experiment workflow and data management system. Defining the metrics to be measured to determine success and on which timescale is part of this process. DOMA as a sub-project should follow the evolution of the different implementations and facilitate the exchange of information and know-how. It should facilitate interactions between experiments and sites and support common definitions, goals and processes. The DOMA co-coordinators are appointed by and report to the WLCG Management Board, after an open call for nominations. Their appointment normally lasts 2 years.