

4th MODE Workshop

Valencia, Sep 23-25, 2024

Opening Remarks



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Goals of this workshop

- ❖ Discuss progress in end-to-end optimization of experiments
 - ❖ And related ML problems
- ❖ Identify potential problems of common interest, create collaborations
- ❖ Bring more attention to DP techniques from fundamental science practitioners, involve them
- ❖ Networking, create the conditions for successful grant applications
- ❖ Strengthen synergies between computer scientists and physicists, LEARN stuff from CS experts



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14 Università di Padova, Italy

15 Durham University, UK

16 Lebanese University, Lebanon

17 Kaiserslautern-Landau University, Germany

18 Princeton University, USA

19 University of Washington, USA

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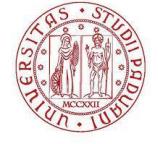
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- ❖ We are planning to publish all contributions to this workshop (talks and posters) in a special issue of MDPI Particles
- ❖ Deadline will be Dec 31, 2024 – not negotiable!

Proceedings

The screenshot shows the MDPI Particles journal website. At the top, there is a navigation bar with links for Journals, Topics, Information, Author Services, Initiatives, and About. There are also buttons for Sign In / Sign Up and Submit. Below the navigation, there is a search bar with fields for Title / Keyword, Author / Affiliation / Email, and dropdown menus for Particles and All Article Types. To the right of the search bar are buttons for Search and Advanced. On the left side of the main content area, there is a sidebar for the journal Particles, featuring a logo, a "Submit to Special Issue" button, and other buttons for "Submit Abstract to Special Issue", "Review for Particles", and "Propose a Special Issue". Below this is a "Journal Menu" with links to various sections like Particles Home, Aims & Scope, Editorial Board, Reviewer Board, Instructions for Authors, Special Issues (which is currently selected), Topical Collections, Article Processing Charge, Indexing & Archiving, Editor's Choice Articles, and Most Cited & Viewed. The main content area is titled "Selected Papers from the 4th MODE Workshop on Differentiable Programming for Experiment Design". It includes a list of links for Print Special Issue Flyer, Special Issue Editors, Special Issue Information, Keywords, Benefits of Publishing in a Special Issue, and Published Papers. It also states that it is a special issue of Particles (ISSN 2571-712X). The deadline for manuscript submissions is 31 December 2024, and it has been viewed by 68 users. At the bottom, there is a section for "Share This Special Issue" with icons for email, Twitter, LinkedIn, Facebook, and YouTube.

