This volume contains papers that were presented at the 28th annual conference on Astronomical Data Analysis Software and Systems (ADASS XXVIII), which was held on 11-15 November in College Park, MD, USA. The meeting was hosted by the Astronomy Department at the University of Maryland.


Each thematic session started with an invited talk, followed by a number of shorter contributed talks, which resulted in 60 oral presentations. In addition, there were 118 posters, 11 floor demos, 5 focus demos, and 7 "Birds of a Feather" (BoF) sessions. In addition to the ADASS meeting, the proceedings of two satellite meetings are also included in this volume: the IVOA and an ADASS Hackathon. We also include the Astrophysical Source Code Library (ASCL) index, which registers all common codes used in astronomical research.

This volume will be of great interest to a wide audience of scientists and scientific programmers who either work with or are responsible for developing complex software systems and large data volumes.