

## 2012 CASPER WORKSHOP CALL FOR PARTICIPATION

The Scientific organizing committee of the CASPER workshop is pleased to provide this call for participation in the 2012 workshop. Both technical developments and science results are needed. This year a special emphasis will be on large-scale systems, such as those required by HERA- or SKA- sized efforts. Abstracts for the following topics are now being accepted at [https://science.nrao.edu/php/alma/casper\\_abs.php](https://science.nrao.edu/php/alma/casper_abs.php):

Science with CASPER-based instruments  
Large-scale correlator and beamformer architectures  
Digital Instrumentation for Radio Astronomy  
Non-Astronomy Instrumentation applications  
Hardware:  
    Analog-to-Digital and Digital-to-Analog Converters  
    Networking for Signal Processing  
    FPGA-based and GPU based computing hardware  
Tools and Development Systems

Each abstract will be reviewed by the Scientific Organizing Committee and those selected for the program will be given a 20 minute slot for presentation, if an oral presentation, or a slot in the Poster session, if a poster is desired. Several Invited Papers will be solicited to allow for adequate presentation of larger or complex topics.

Please contact [casper2012@nrao.edu](mailto:casper2012@nrao.edu) if there are any questions.

John Ford  
*for the SOC*