



**3<sup>rd</sup> Workshop on Advances in software  
and Hardware for Big Data to Knowledge  
Discovery (ASH) and 4<sup>th</sup> International  
Workshop on Distributed Storage  
Systems and Coding for Big Data (DSSCB)**

# ASH

- Chairs

- Hui Zhang (University of Louisville)
- Weijia Xu (University of Texas at Austin)
- Hongfeng Yu (University of Nebraska at Lincoln)
- Bing Zhu (Peking University) (DSCCB)

- Prior workshops

- ASH 2014 (collocated with IEEE BigData 2014)
  - Half-day workshop with 8 presentations
- ASH 2015 (collocated with IEEE BigData 2015)
  - Full-day workshop with 14 presentations
- Published with ACM digital library

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- ASH 2015 (colloquium)
  - Full-day workshops

The screenshot shows the IEEE Xplore website interface for the 2015 IEEE International Conference on Big Data (Big Data). The page title is "2015 IEEE International Conference on Big Data (Big Data)" and the dates are "Oct. 29 2015-Nov. 1 2015". The page displays a list of publications, including "Front cover", "Copyright notice", and "Welcome message from the organizers". The interface includes a search bar, filter options, and a "Need Full-Text" banner.

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- ASH 2015 (collocated with IEEE BigData 2015)
  - Full-day workshop with 14 presentations
- Selected papers invited to publish extended versions in Springer Book **“Conquering Big Data with High Performance Computing”**






# ASH 2016

- ASH 2016 (collocated with IEEE BigData 2016)
  - 30 submissions, 12 accepted
    - “Advances of Software and Hardware”
      - *MapReduce, Hive, Intel Xeon Phi*
    - Domain applications
      - *Vehicle data analysis, Financial analysis, Mathematical simulations*
    - Data science platform
    - Performance Analysis

# ASH 2016

- ASH 2016 (collocated with IEEE BigData 2016)
  - 30 submissions, 12 accepted
- Agenda
  - Three ASH sections and one DCSSB
    - Morning session 1: **8:30am – 10:00am (ASH)**  
**coffee Break** 
    - Morning session 2: **10:20am – noon (ASH)**  
**lunch Break** 
    - Afternoon session 1: **1:45pm – 3:30pm (ASH)**  
**coffee Break** 
    - Afternoon session 2: **3:50pm – 5:50pm (DSSCB)**
  - 20 minutes for presentation + 5 minutes for Q/A

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  - Selected paper authors will be contacted for extended publication opportunities