

ASPLOS 2013

Houston, TX, March 16 - 20

dates are tentative

<http://asplos13.rice.edu>

18th International Conference on Architectural Support for
Programming Languages and Operating Systems

Abstracts (required): **July 16, 2012**

Full Paper Submissions: **July 23, 2012**

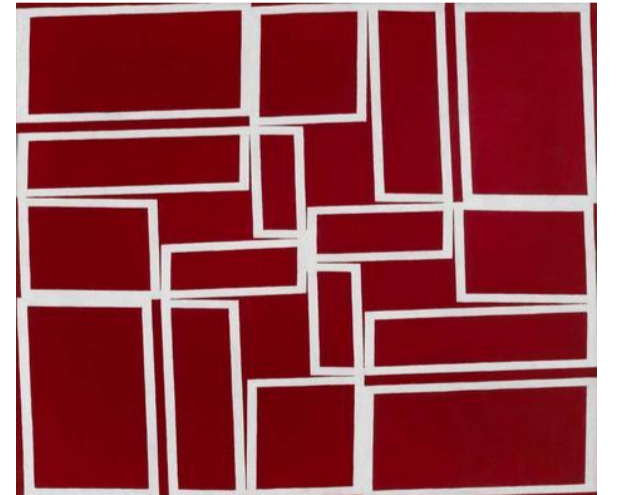
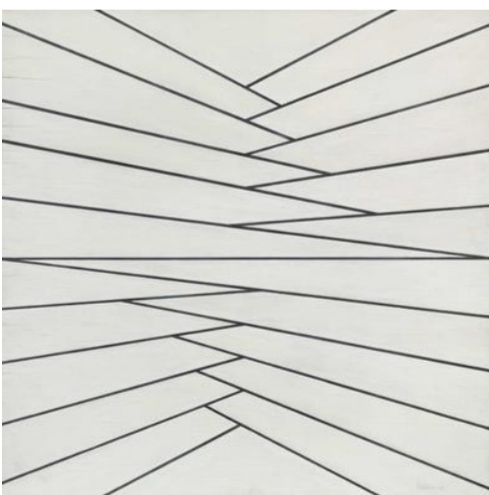
Notification: **Nov 9, 2012**

General Chair: Vivek Sarkar Rice University

Program Chair: Ras Bodik UC Berkeley

ASPLOS 2013 invites papers on ground-breaking research on current and future computer systems, from ultra-low power embedded and wearable devices to large-scale parallel computers. Submissions should emphasize synergy of at least two ASPLOS communities: architecture; programming languages; and operating systems. Papers on non-traditional topics are especially encouraged. Areas of interest include, but are not limited to:

- emerging platforms in all forms and scales, from sensor networks to exascale systems
- computer systems that address social, educational, and environmental challenges
- power, energy, and thermal management
- distributed and cloud computing
- heterogeneous architectures; graphics and media processing
- memory and storage technologies and architectures
- case studies and user studies
- security, reliability and availability
- new computing models, including molecular, biological, and quantum computing



As the fourth-largest city in the USA, **Houston** is a cosmopolitan destination filled with world-class arts, sports, dining, and nightlife that are all located in close proximity to the conference venue. The Houston Museum District, a tree-lined, three-square-mile area, incorporates multiple museums that feature outstanding collections and exhibitions of art, nature, science, medicine and history. Highlights include the Menil Collection, the Museum of Fine Arts, Houston (MFAH) and the Houston Museum of Natural Science (HMNS). Houston is home to four professional sports teams including the city's newest team, the Houston Dynamo, which brought professional soccer back to Houston in 2006 and will be moving to the new BBVA Compass Stadium in 2012. The downtown Theater District hosts several cultural, visual and professional performing arts organizations, including the Wortham Center, home to the Houston Ballet and the Houston Grand Opera, Jones Hall, home to the Houston Symphony, and the Alley Theatre, home to one of the nation's best residential theater companies. Finally, Houston is well-known for its vast array of restaurants and bars, spanning a broad range of cuisines and price ranges.