**Prof. Hai Jin**

**IEEE Fellow, CCF Fellow, Changjiang Distinguished Professor**

**Huazhong University of Science and Technology, China**

**Topic：Dataflow based High Efficient Graph Processing Accelerator**

**Abstract:** With the rapid growth of big data, it is harder and harder to processing these ever-growing data with traditional computer architecture. Dataflow-based architecture provides a new way to tackle above challenge. This talk first briefly introduce the challenges in processing big data and also the difficulties in processing graph computing, then introduce some research results we have done during these years in using dataflow for graph computing. Finally, some future directions for dataflow architecture and also when used in graph computing are introduced.