

Dr. Lei Huang and Dr. Lin Li are organizing weekly research meeting in the Cloud Computing research group including both graduate and undergraduate students every Wednesday 3-5PM at S.R. Collins 111. The meetings are reserved to present and discuss the latest research topics in Big Data Analytics, Cloud Computing, and image processing areas, as well as to discuss the progress of ongoing research projects. Please contact Dr. Lei Huang ([lhuang@pvamu.edu](mailto:lhuang@pvamu.edu)) if you are interested in doing research in these areas.



**Figure 1: cloud computing group research meeting**

The Cloud Computing research lab at PVAMU led by Dr. Lei Huang has been working on building a scalable image processing cloud project sponsored by NSF. The work is to build an innovative domain-specific cloud to accelerate scientific research and discoveries in image processing domain. This ongoing research includes a high-level image processing development environment based on a new designed domain-specific language (DSL), a Cloud DSL compiler, a scalable image processing Cloud services and a centralized resource management system. The infrastructure allows researchers to store their massive image/video data, facilitates the image processing algorithm research by providing high productive development environment and scalable performance. More importantly, the infrastructure allows faculty and students in different groups/institutions to share their research results and enable deep collaborations.