

## *NanoHub Submit Scheme*

Alejandro Gomez Londoño, EAFIT University and Alejandro Strachan, Purdue University

The spreading of science was always a difficult task, even between scientific communities and related groups of research, it takes time, effort, and some times even money to share some works and research. That's why the creation of a platform to make these processes easier, could improve the overall dynamism of the field of science that takes advantage of that. NanoHub born as a project to achieve that goal. using cyberinfrastructure to create a space for share all kind of scientific resources related with nanoscience research , NanoHub helps scientist and students to get access to complex simulations, advance toolkits, and all this just using a browser, this make all the process more simpler and allow the expansion of the whole platform to support bigger audiences. This research improves the underlying cyberinfrastructure of NanoHub, using a tool called 'submit command' that allow NanoHub to send jobs to clusters all over the world with a unique syntax for all of them, making the development of new tool easier and faster.