

ALPGEN Roles

1. Production Role

- Need: knowledge of Linux, Condor, shell script, Python, ALPGEN, CMSSW.
- Task: prepare large-scale productions on request.
 - Tailor production implementation to SPRACE resources: size and number of jobs, local hard disk usage X dCache usage.
 - Implement full production chain: multiple ALPGEN jobs → file merging → format shifting → file uploading to central repository → file description.

2. Generator Contact Role

- Need: communication skills, prepare slides, be an official CMS member.
- Task: general “broker” role
 - Report on productions
 - Negotiate new productions with requesters
 - Attend Generator Meetings
 - Act as the interface with other groups (PH groups, LCG group)

3. AlpGenInterface Role.

- Need: knowledge of C++, CMSSW, and Twiki editing. Be an official CMS member.
- Task: act as the keeper of the AlpGenInterface subsystem of CMSSW.
 - Update the code whenever there is a need either from CMSSW side (like an overhaul of the CMSSW Framework) or from the ALPGEN side (new version released).
 - Debug, test and validate the AlpGenInterface.
 - Keep the documentation up to date.