Physics Modules

* RF code updates
  + GENRAY/CQL3D with dual freq/antenna
  + TORAY
  + Implement updated TORIC (numerical FIDF)
  + Others – argues for modularity of RF codes
* FIDF in constants of motion coords – makefiles, scripts into a repository
* High-Z in multi-impurity transport calculation – ADAS validity?
  + Start simple, build up complexity of validation
* ISLAND vs GRE/NTM benchmarking
* Are T-T fusion cross-sections up-to-date?
* Synthetic diagnostic implementation
  + Provide us with priority requests
* 2D neutrals model – part of SOL transport model (Poli)
  + Check Callen results
* Extend beam deposition to outside LCFS
* NTV into momentum balance

Documentation/Utilities/Communication

* Timely updates on TRANSP HELP
  + Users should let us know what specific areas that need updating
* Better and more regular means of communication among users and developers (Google Docs, TRANSP Wiki, email updates)
  + Capture user requests and transform into tutorials (BG to create all tutorials!)
* More info on BEAST, Breslau FIDF utility, use of TORIC with RF kick operator, Podesta kick operator
* Workshop on IDS/IMAS + translators usage
* Code runners should ensure that run comments are entered and publically accessible
  + Does not replace modelers from discussing run results with runners
* TRANSP Users Workshop – tutorials (coupled to User Group Meeting?)
  + Poll for which components are of interest

System issues

* GLOBUS for EAST, KSTAR
* Accelerate NERSC implementation
  + Core-edge-SOL coupling (also in Simulink?)
* Modularity - Framework
  + Sources, regional couplings
* TRANSP build has PPPL-specific environment definitions
  + Need to de-PPPL for compilation elsewhere
* Info on how to set up environment variables & module loads for various linux systems
* Need a list of TRANSP variables – on TRANSP website (port.for)