







Applications Several tools applied: Femlab _ SPIS _ - PicUp3D - In house developments Critical elements - Modelling of wire boom effects. - Modelling of solar arrays (interconnectors - glasses) Spectra of secondaries (including photo-electron). _ _ Need of UV-X model, work functions, etc... Beam models _ _ Validation by observations Validation of time dependent models _ - B field CIV? Neutrals? _ SPINE Meeting - 13-14 Nov 2008, ESTEC



Inputs to software development requirements: needs

• Project environment:

- Validation by observations
- Validation of time dependent models
- Full scientific documentation (physics, algorithm, reproducible test description and results, intrinsic accuracy, accuracy estimate techniques)
- Guidelines for community based development.
- Modularity as much as possible with stand alone elements.
- Deciding committee (SPINE SDAB)

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