

Objective:

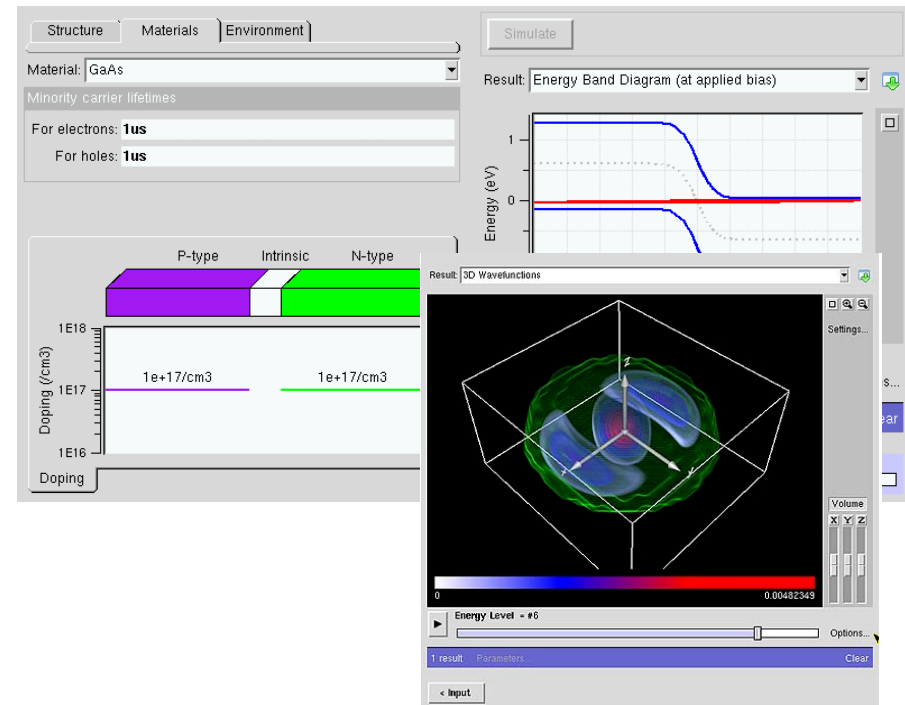
- Provide user friendly graphical interface to traditionally console-style simulation tools.
- Enhanced output visualization to provide users new views and perspectives.

Approach:

- Rapid Application Infrastructure (Rappture)
- nanoHUB as hosting center

Impact:

- Allowing non-programmers to easily interact with complicated simulation software and focus on their research.
- Automatically post-process results to offer publication quality outputs.
- Free and easy access from nanoHUB.org worldwide.



Result:

- 20 published simulation tools. 8 unpublished/retired.
- 69,000 simulation runs from over 5000 users has benefitted from these tool in their research/study.