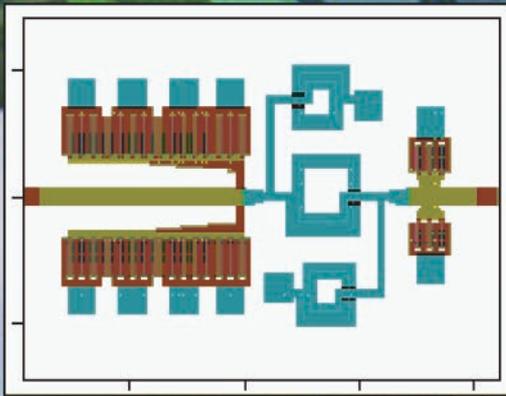
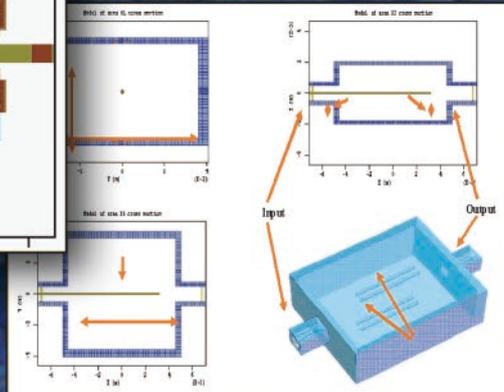


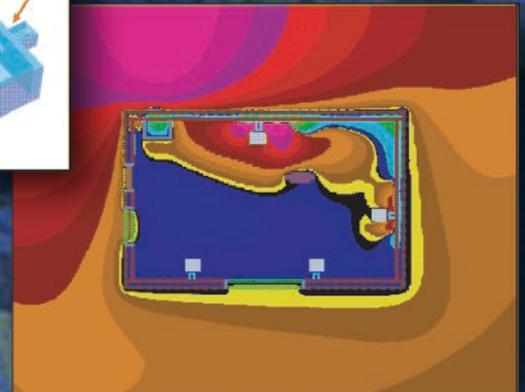
MAGIC 電磁界・荷電粒子シミュレーションツール



CIRCUIT DESIGN

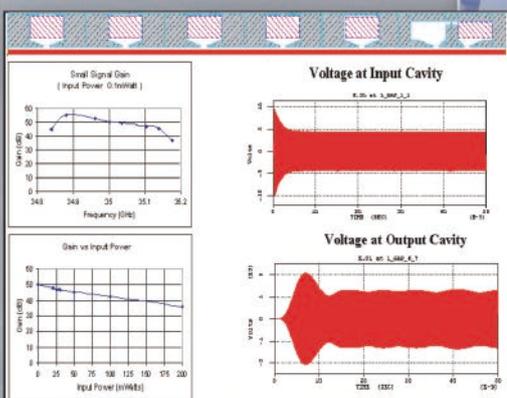


THz SOURCE

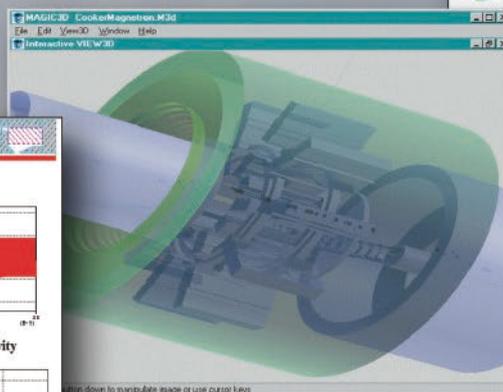


RF PROPAGATION

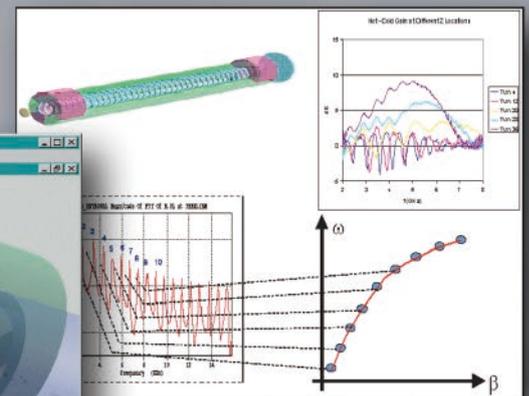
荷電粒子の相対論的運動方程式を用いて軌道計算を実行し、Maxwell 方程式を自己矛盾なく解き、電流と電荷密度を計算します。さまざまな形状、材質特性、入出力波、粒子放出（電界放出・二次電子放出を含む）を設定できる強力なアルゴリズムにより、広範囲にわたるプラズマ物理問題の解析が可能です。



KYLSTRON



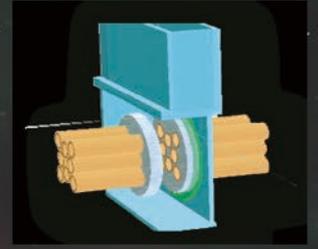
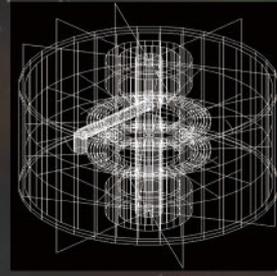
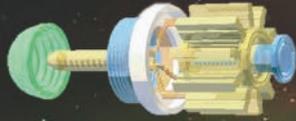
MAGNETRON



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MAGIC FDTD Electromagnetic-PIC Software

- Operating Systems:
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Red Hat & Ubuntu Linux
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- Parallel Processing in 3D
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MAGIC is for Real
For Real Answers
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MAGIC IS FOR REAL

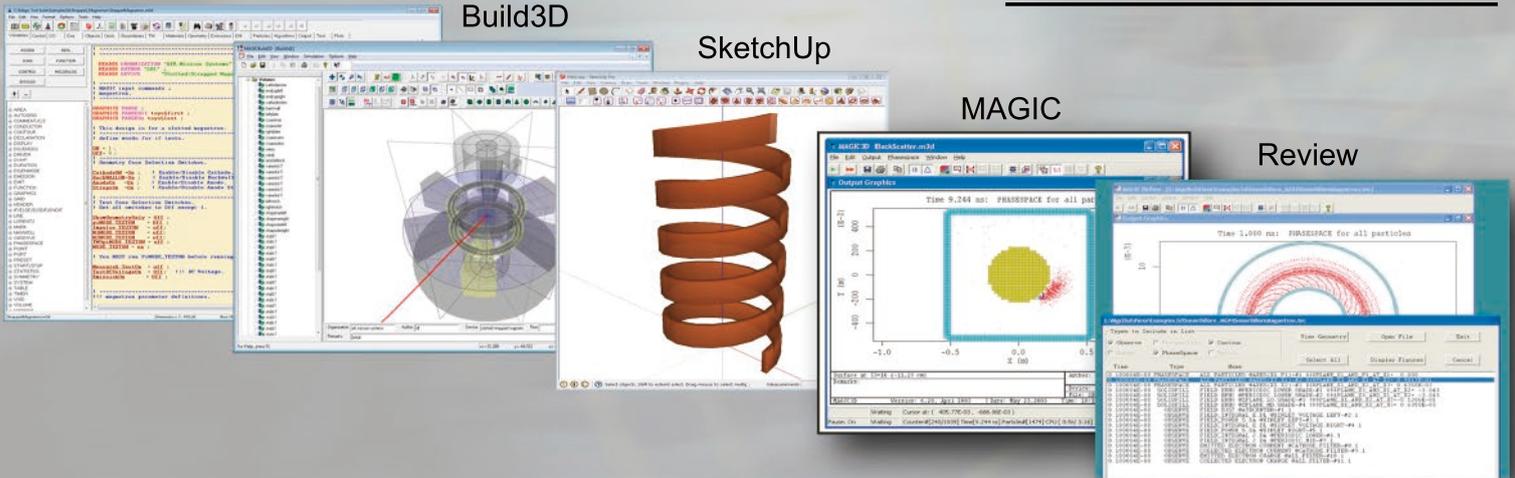
Workbench

Build3D

SketchUp

MAGIC

Review



MAGIC Features Include:

- 3D Design Environment and CAD Import
- Trimble SketchUp Plug-ins
- Powerful Command Language
- Grid/Mesh Generation
- Extensive Material Models
- Maxwell Algorithms
- Particle In Cell Algorithms
- Particle and Fluid Plasma Models

Output Options Include:

- 3-D Rendering
- Movies
- Tables
- Charts
- Graphs
- DXF (for CAD)

開発元
<http://www.atk.com>



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