

\*\* PICASso:  
\*\* Program in Integrative Information, Computer and Application Sciences  
\*\* [www.cs.princeton.edu/picasso](http://www.cs.princeton.edu/picasso)  
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\*\* Bioinformatics Applications with MATLAB®  
\*\* Tuesday, April 5, 2005 (4:30 - 6:30 PM)  
\*\* <http://www.cs.princeton.edu/picasso?events.html>

PICASso is pleased to announce a hands-on introduction to “Bioinformatics Applications with MATLAB®” taught by Rob Henson of The MathWorks. Rob will demonstrate features of MATLAB and the Bioinformatics Toolbox and discuss some of the areas of bioinformatics where MATLAB is being used in both industry and academic research. This mini-course **will include hands-on exercises** using the MathWorks tools. Basic familiarity with MATLAB is assumed.

Date: Tuesday, April 5, 2005  
Time: 4:30 p.m. – 6:30 p.m.  
Location: Main Campus, Princeton University

By the end of this mini-course you will know how MATLAB can help you with:

- \* Microarray image analysis, such as automated grid and spot finding
- \* Algorithm design, such as efficient hierarchical clustering algorithm development
- \* High-throughput mass spectrometry data analysis

Rob will also show you how tools created within MATLAB can be easily integrated with other applications such as Excel.

More about the Presenter:

Robert Henson is the manager of bioinformatics development at The MathWorks, where he has worked for six years. Prior to that, he worked as a software engineer in Tokyo for seven years. He has mathematics degrees from Imperial College, London and Cambridge University.