# P165: Introduction to Particle Physics Monte Carlo Notes

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#### Abstract

These are course notes for Physics 165 focusing on using MadGraph.

These notes are in progress. Last update: January 8, 2018

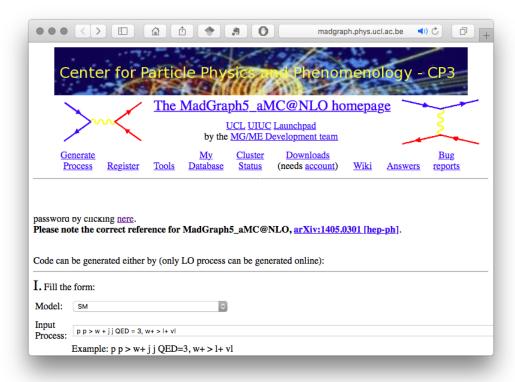
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### 1 The MadGraph 5 Web Interface

The MadGraph development team maintains a limited web version of MadGraph 5 at the following address: http://madgraph.phys.ucl.ac.be

It should look something like this:



#### 1.1 Instructions

- 1. Click on the **Register** link.
- 2. Fill out the form; use your UCR e-mail address and set your institution as UCR.
- 3. You will receive an e-mail from madgraph@madgraph.cism.ucl.ac.be with your username and password. Save this information.

## 2 Installing MadGraph 5

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