Solving problems in HEP with the help of Mathematica

- Tue Introduction to Mathematica and FORM
 - Basic programming concepts. How to write efficient Mathematica programs. What makes Mathematica and FORM different.
- wed Symbolic Programming Examples

 Problems from particle physics solved with Mathematica and FORM.
- Numeric Programming Examples

 Writing external code for Mathematica. Pitfalls of floating-point arithmetic. Memory access, alignment. Parallelization.
 - Fri Using FeynArts and FormCalc
 - Basic usage. Detailed look at input and output. Tweaking model files. Computing a cross-section. Computing other things.