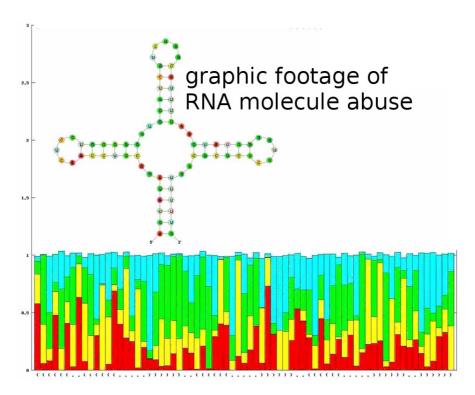## 7th December 2017 - 10:00 h
CFEL – Building 99, seminar room IV

Andrew Torda
Centre for Bioinformatics, Universität Hamburg

A genome-free talk from bioinformatics: Non-boring optimisation problem

If children behave badly, a bioinformatician sends them to bed without supper and makes them read a dynamic-programming book. This is a sign of bad parents. Many problems are not as discrete as they look and things like nucleotide sequence design can often be cast in a continuous form. This lets us use gradient-based methods to solve problems without resorting to the wimp's standard tools (blind Monte Carlo). There may be traces of gluten, but this talk is guaranteed not to mention genomes, despite coming from a bioinformatics department.

graphic footage of RNA molecule abuse

Host: Terry Mullins / CFEL Molecular Physics Seminar