

The C3 Commission is pleased to announce that the Young Scientist Award for 2016 will be awarded during STATPHYS26 to **Lisa Manning** and **Martin Lenz**.

Martin Lenz

For his remarkable creativity in using active processes in living cells as a rich source of new ideas in statistical physics. At the same time, he shows how these ideas can inspire new thinking in biology proper.



Short Biography:

Lenz' main contributions concern two quite different but ultimately related areas: the structure and dynamics of the cytoskeleton on the one hand, and the mechanics of protein-induced remodelling of the cell membrane on the other hand. Both of these problems involve understanding how non-equilibrium driving forces establish the structure of the cell. In these problems, the existing knowledge of the biological actors at the molecular scale is still only partial, and Lenz has displayed great subtlety in producing robust theoretical results insensitive to unknown molecular details.