



The Mathematical Neuro-Oncology Research Lab Presents



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Non-cell-autonomous driving of tumor growth support sub-clonal heterogeneity

WEDNESDAY, AUGUST 20TH, 2014
12:00 PM – 12:30 PM
ARKES PAVILION,
676 N. SAINT CLAIR ST. SUITE 1300
MATHEMATICAL NEURO-ONCOLOGY LAB

Philipp studied physics at the University of Leipzig, Germany, where he minored in chemistry and mathematics and focused on theoretical physics. Philipp received his PhD from University of Kiel, Germany in 2011. He gained his first research experience in statistical mechanics working with Prof. Ulrich Behn in Leipzig, and then went on to study evolutionary game theory, evolutionary dynamics, and population genetics with Arne Traulsen and Floyd A. Reed at the Max Planck Institute for Evolutionary Biology.

At the Dana-Farber Cancer Institute, Philipp investigates cancer initiation, progression, diversity, and response to treatment. With a micro-evolutionary framework, Philipp uses computational and mathematical analyses of cancer genomics and expression data to aim at improving cancer mortality and morbidity.



Philipp is active on social media, follow him on Twitter at @evolsci