The many scales of oncological data: a computational perspective

Michele Piana
Dipartimento di Matematica
Università di Genova

This talk will describe multi-scale approaches to the mathematical modeling of oncological data provided by different experimental modalities. A specific focus will be devoted to the many computational aspects concerned with the numerical reduction of these models. Applications will involve the use of hybrid imaging methods for the assessment of leukemic patients, the investigation of glucose metabolism in cancer tissues and the simulation of a specific transition in cancer cells by means of molecular interaction maps.

giovedì 14 novembre 2019, ore 16:00
sala seminari -1 del dipartimento di matematica
via sommarive 14, povo (trento)