

SEMINAR

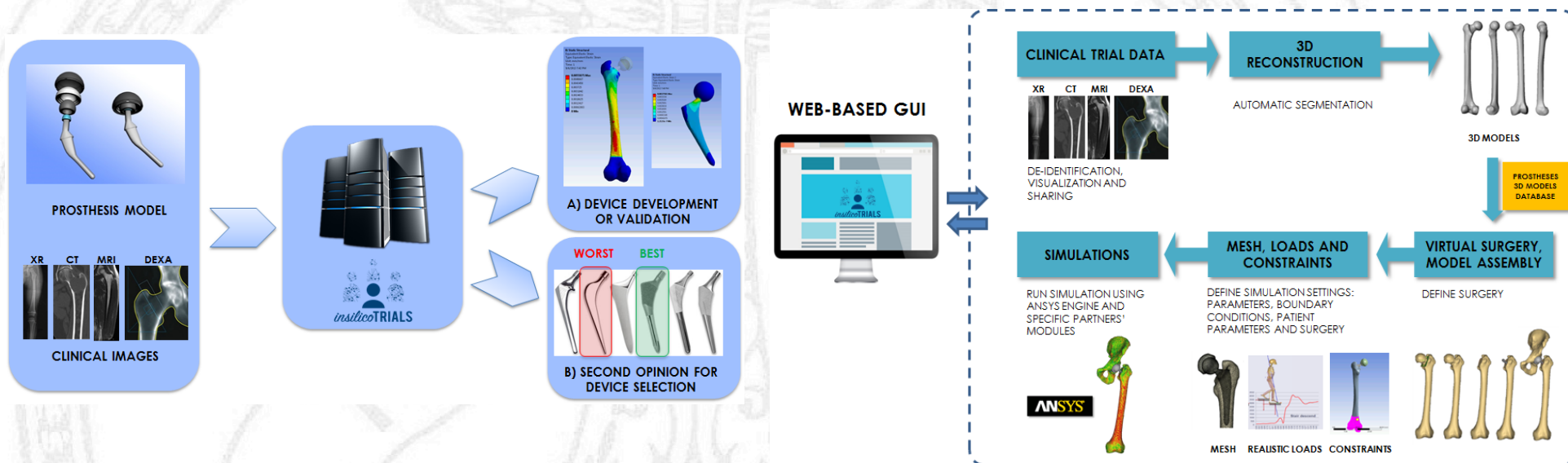
InSilicoTrials.com Project

The use of in silico modeling and simulations has become popular for both the design of medical devices and personalized therapies. In silico models based on medical imaging can provide invaluable data on the in vivo environment, where medical devices are deployed and surgery is carried out, and can predict outcomes of alternative therapeutic interventions for individual patients.

Promeditec is now developing InSilicoClinicalTrials.com, the first online platform to perform in-silico trials for the development and assessment of medical devices.

InSilicoClinicalTrials.com will allow researchers and companies to test their prototypes on a population of virtual patients or on a single patient-specific anatomy created from clinical images, simulating a wide range of scenarios and conditions.

The platform will also allow users to store and safely share images, models, software components, parameter sets and simulation results, as well as setup and run simulations in HPC or cloud environment.



Dr. Luca Emili
CEO Promeditec
Milano, Italy

October 19th, 11:00am
DICAr – Hydraulic
Meeting Room (ground floor)
Via Ferrata, 3 – Pavia