LuBan

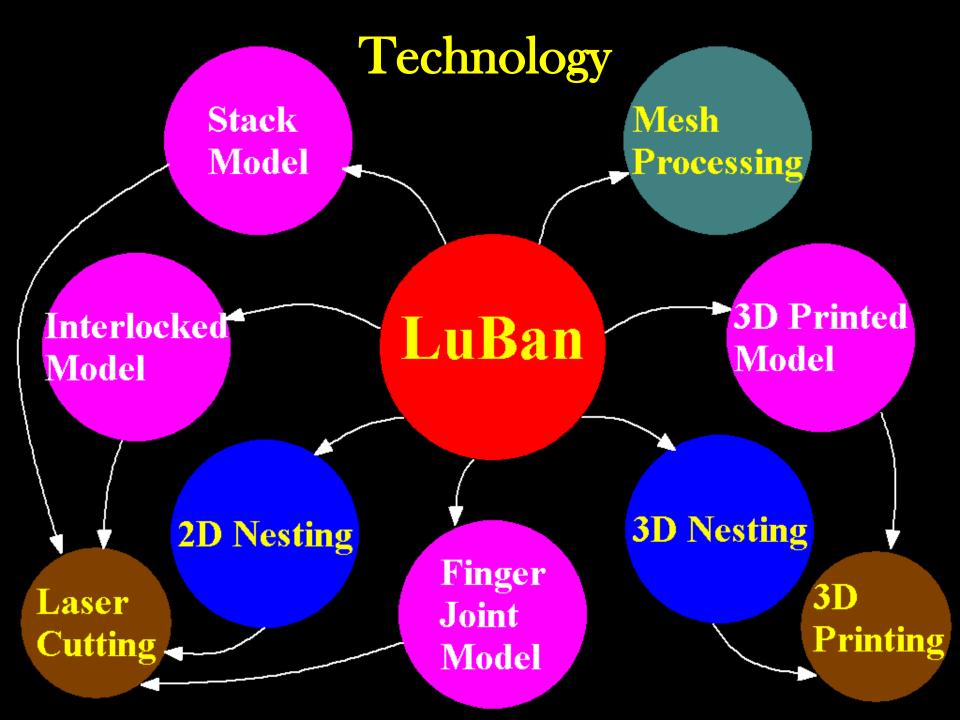
Introduction

Discovery

LuBan is next-generation, generative CAD/CAM software discovered at Massachusetts Institute of Technology (MIT) and developed at Singapore University of Technology and Design (SUTD) to help designers and makers improve physical production of their creations.







Application

CAD/CAM
Metal Cutting
(Ship building
& repair)

New Design Tool: Generative Design

Advanced Manufacturing

Model making (Architecture, Education)

Mold making, Formwork (Construction) Large-Scale
3D Printing
(Art, Museum)

Advantages

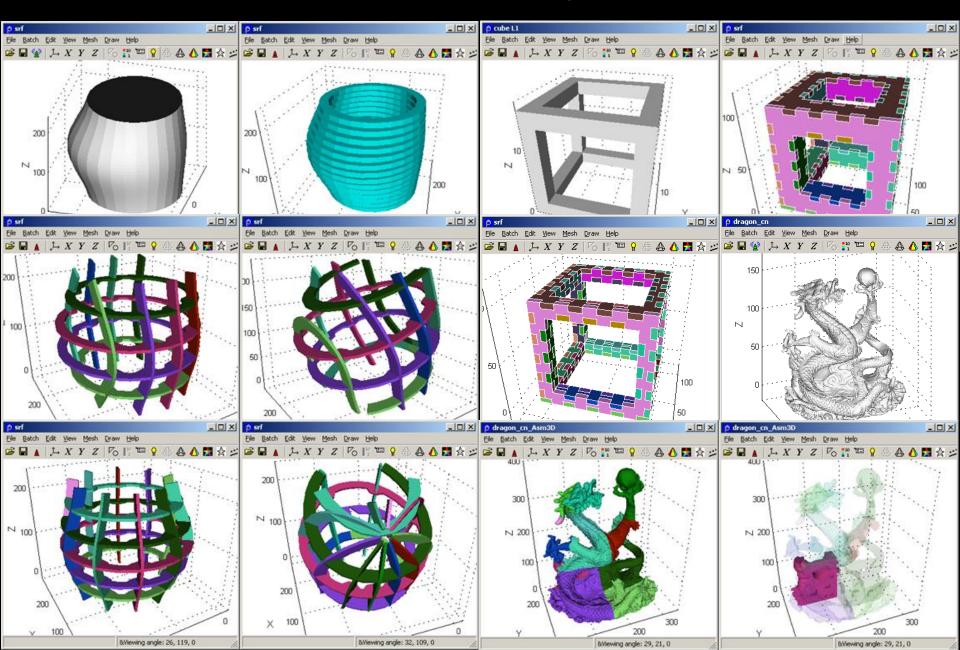
Automatic model generation

Large-scale rapid prototyping

User-friendly interface

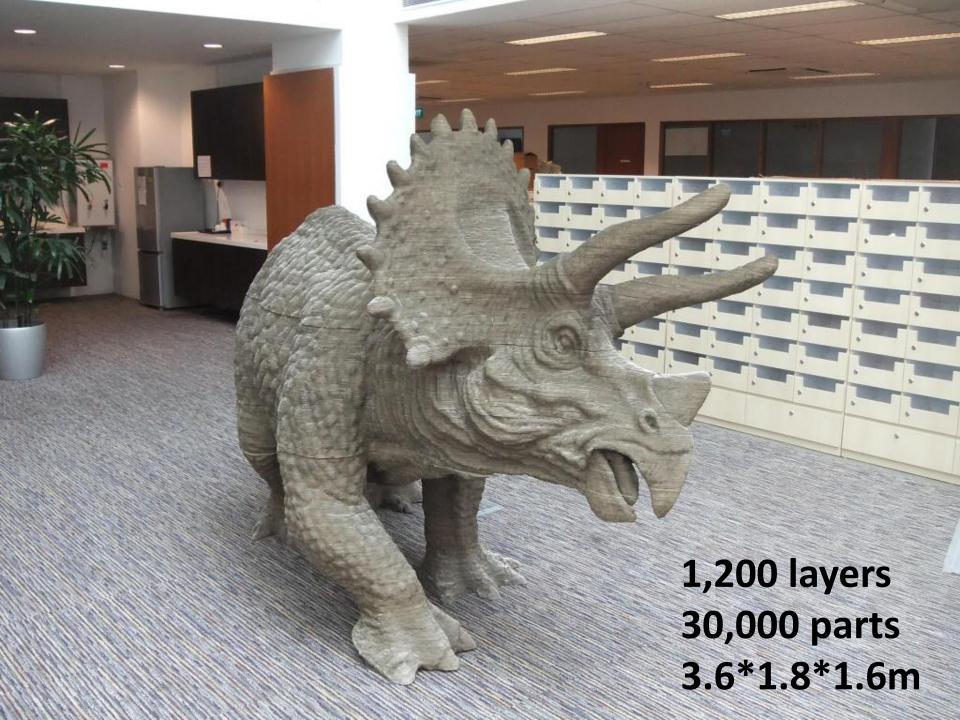
C++ SDK library support

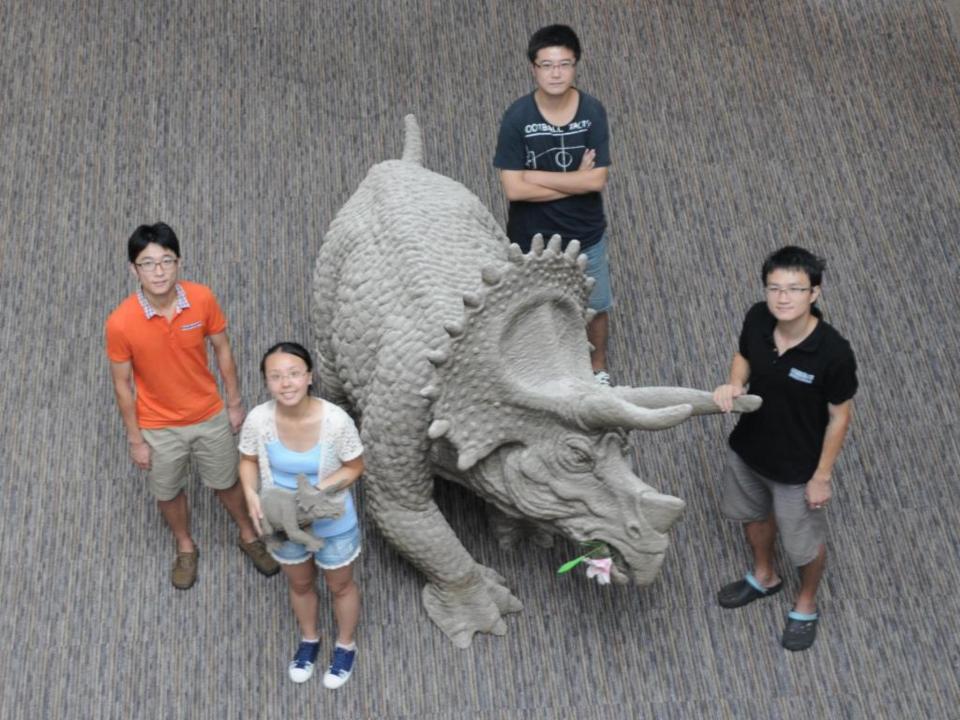
Summary



Stack Model





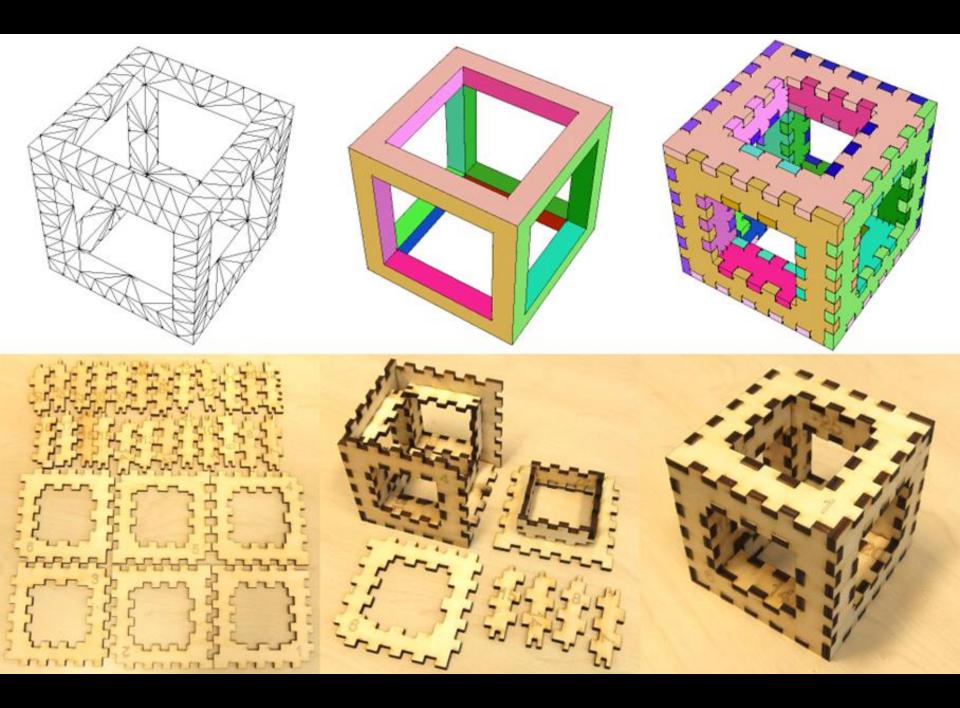


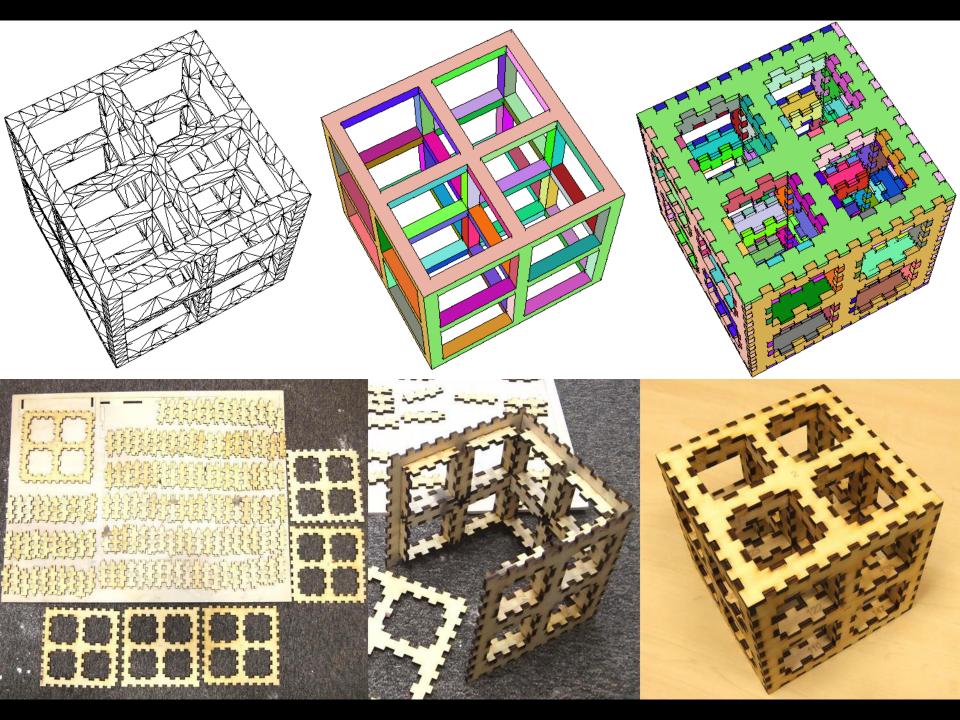
Interlocked Model



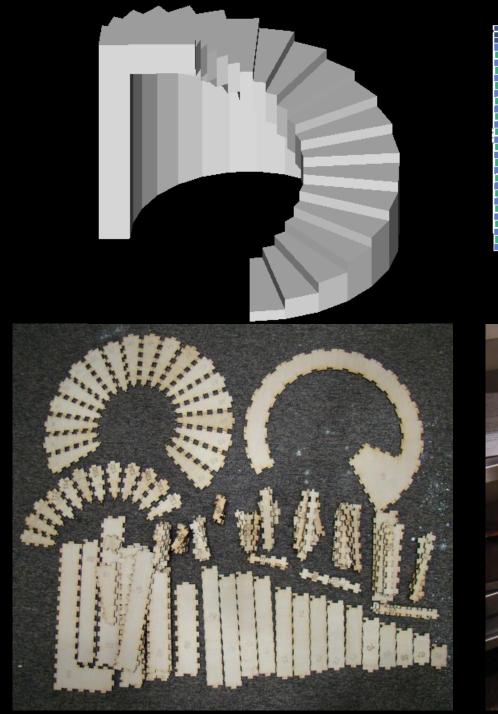


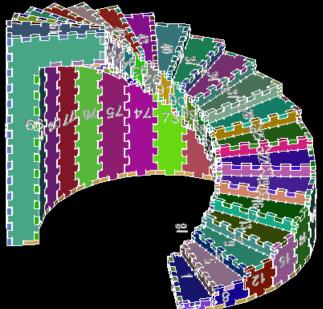
Finger Joint Model



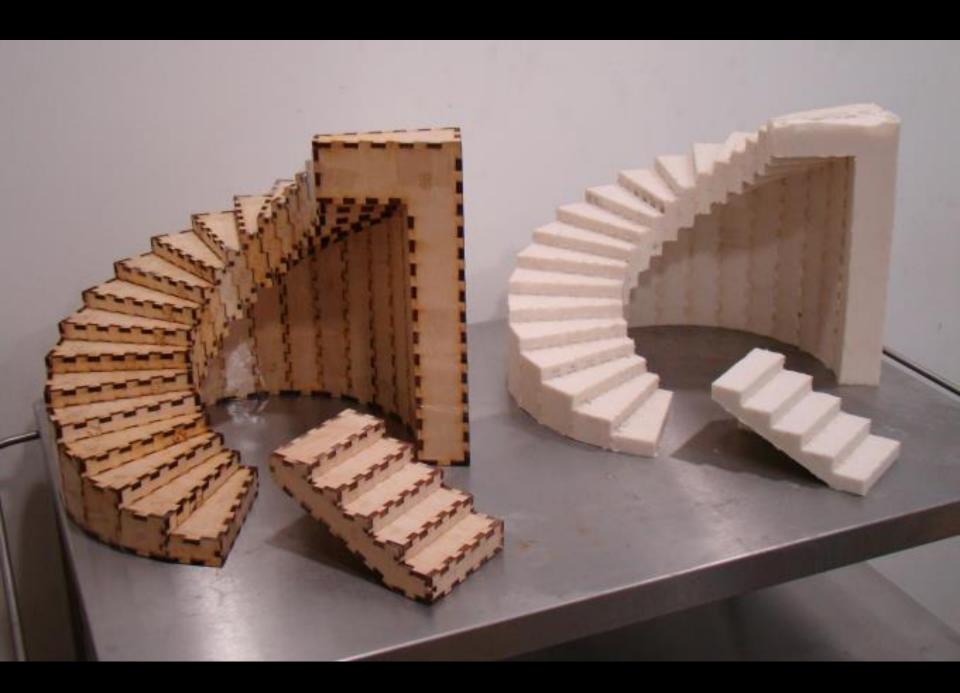












3D Printed Model

