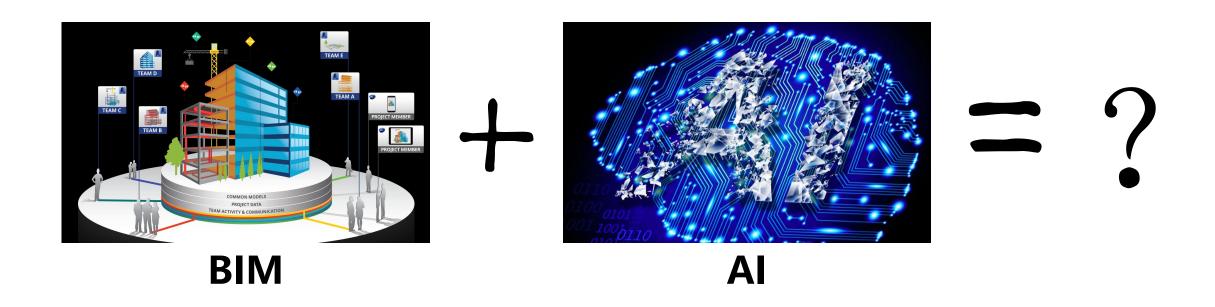


# AI时代BIM软件的未来趋势

周小平 博士/教授/博导

#### BIM + AI = ?

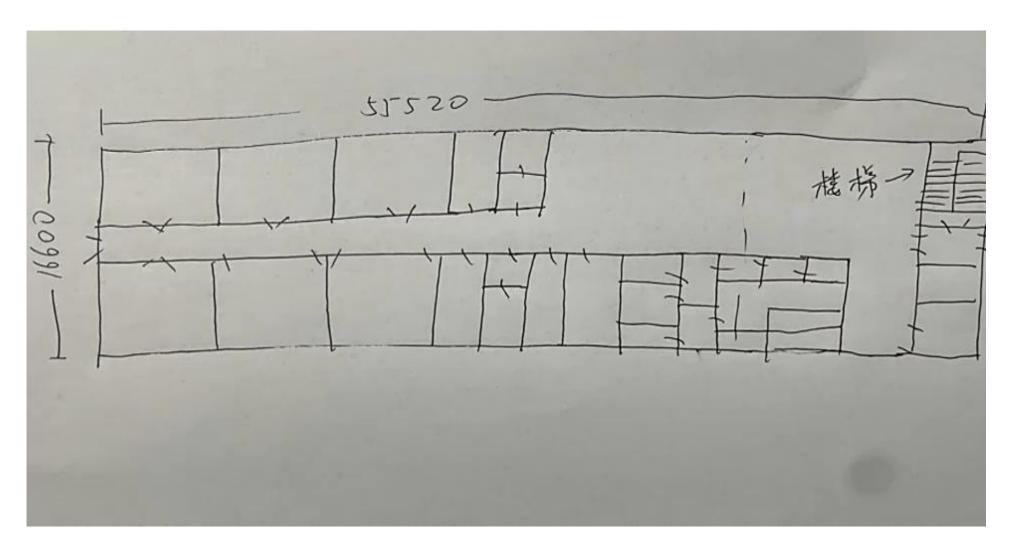




- ➤ AI赋能BIM → 建筑数字化
- ➤ BIM支撑AI → 建筑智能化

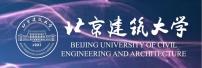
## 手绘草图智能生成BIM模型





**BOX GATHER CHANGE - Digital Box 2.0** 

# 施工图AI自动生成

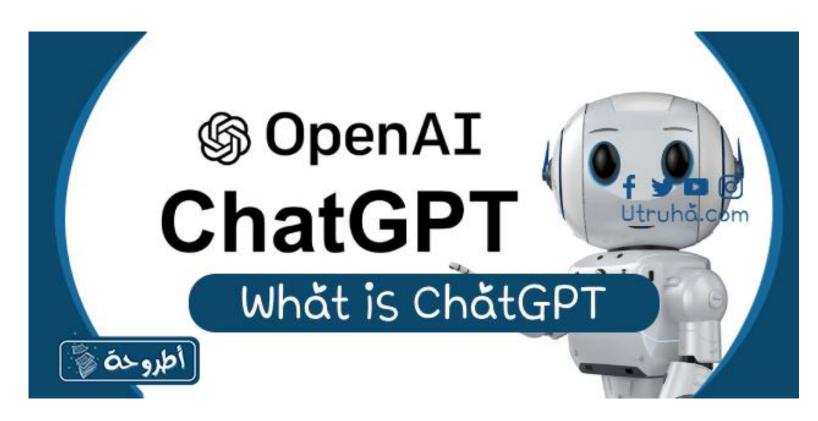




**SWAPP - AI Powered Construction Documents** 

### 智能生成——ChatGPT





Chat GPT: 史上最强聊天机器人

#### 智能生成设计方案



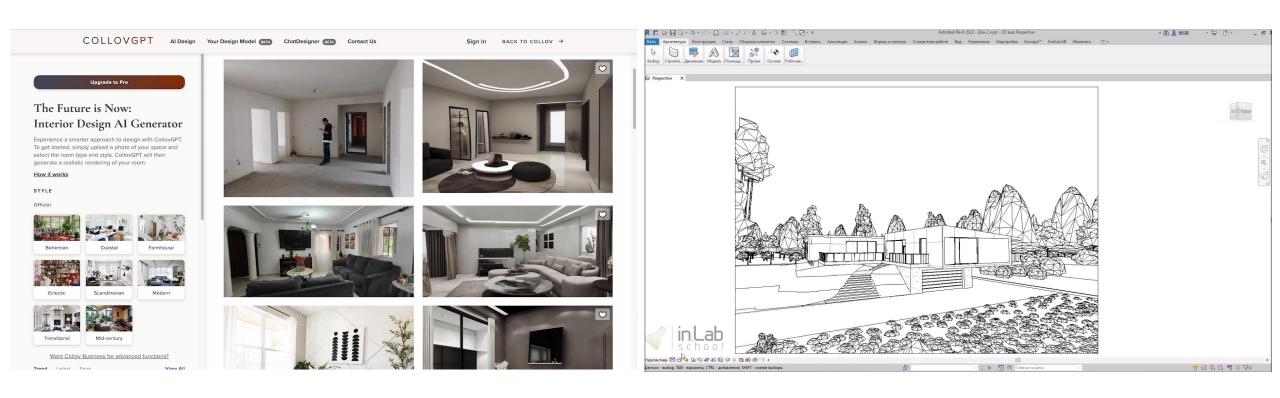
● 通过ChatGPT以自然语言交互方式代替传统方式,生成建筑设计方案。





#### 智能设计和优化





**CollovGPT - Al Interior Design Renders** 

**EvolveLab Verasan Al-based rendering add-on for Revit** 

# 自动化施工

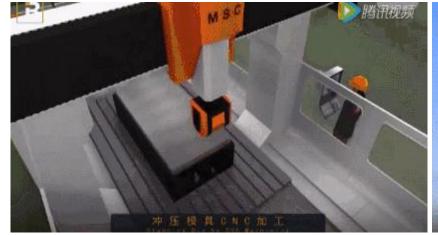




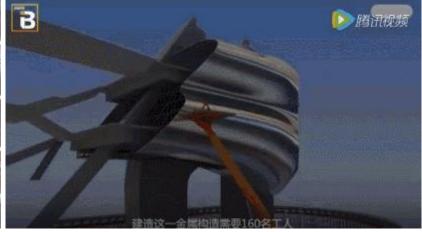
深圳当代艺术馆及规划展览馆(MOCAPE)



MOCAPE的"云彩"造型

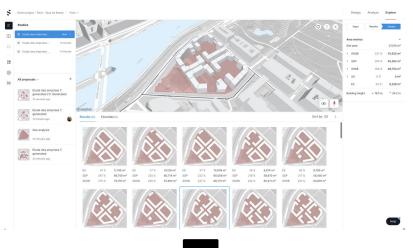






# 建筑方案智能分析与决策







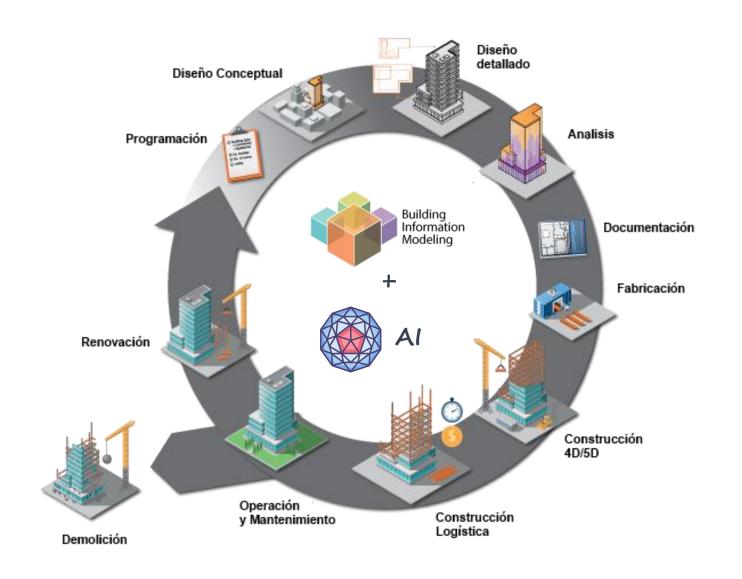




**Spacemaker Singapore overview** 

### BIM + AI: 从数字化到智能化







# AI时代BIM软件的未来趋势

主监审统录讲制稿筹制