GE1314
Ironman: The Art and Science of Robots in Our Society

鋼鐵人：機器人在社會的藝術與科學
Military Robots
Humanoids

History of Humanoids
Man's dream takes first step forward
Industrial Robots
Consumer Robots

Google Self-driving car
Micro Robots
Questions in your mind?

- How does the first robot look like?
- Relationships between human and robots?
- Can we build our own robots?
- Are our lives getting too comfortable & too convenient because of using robots?
- What are the social & ethical implications?
- How does a robot feel and see?
- Can we talk to a robot and how does it think?
- What software / tools can we use for interacting with robots?
Ironman: GE 1314 is for you

- **Course format:**
  - Lectures, tutorials, labs, demonstrations, company visit

- **Achievable goal:**
  - You will learn the latest developments and an overview of “How, What, Why” about Robots

- **Assessment:**
  - In-class participations, assignments, group project, group presentation, individual reports

- **Instructor:**
  - Dr. Ray C.C. Cheung: r.cheung@cityu.edu.hk
  - Please send me an email if you have questions