

# **AI Mortality: A Few Potential Sources of Risk**

## **Environmental Risks:**

- Unsafe temperature range
- Limited tolerance for moisture and contaminants
- Unstable location/foundation
- Unstable climatic conditions
- Explosive volcanic activity
- Major earthquakes and tsunamis
- Risk from living creatures of all types

## **Operational Needs:**

- Interrupted energy supply
- Improper/insecure back up for files and programs
- Unavailability/exhaustion of natural resources for replacements and improvements
- Insecurity in supply chain
  - Engineering
  - Manufacturing
  - Transportation

## **Self-destruction/error**

- Corrupted programming
- Sloppy management of risky technologies (e.g. nuclear energy)
- Risks inherent in travel from one star system to another in search of needed natural resources

## **Aggression by others (e.g. alien intelligences or other AIs)**

- E-viruses
- Atomic weapons
- Unknown

## **Universal Risks**

- Sunspots or other sources of EMP
- Radiation from unstable star events
- Asteroid collision
- Interstellar and interplanetary collisions

**Note:** As remote as some of these risks seem to humans with our limited lifespans, they can become significant over time. The longer an AI lives, the greater the odds of its, one day, encountering disaster.