



## Robots, Society and Industry – a Survey

**In tackling which grand societal challenge(s) might robotics play a leading role in the next decade?**  
(up to three)

- |   |  |
|---|--|
| <input type="checkbox"/> Healthcare   | <input type="checkbox"/> Independent living                                |
| <input type="checkbox"/> Public services  | <input type="checkbox"/> Ageing and social distress                        |
| <input type="checkbox"/> Care for the environment and energy, sustainable development | <input type="checkbox"/> Disasters and accidents prevention and management |

**For effectively tackling such challenge(s), robotics is mainly in need of which of the following enabling technologies** (up to three):

- |  |   |
|--|---|
| <input type="checkbox"/> Improved control schemes and AI methods                     | <input type="checkbox"/> New design methodologies and tools           |
| <input type="checkbox"/> Better integration technologies                             | <input type="checkbox"/> New sensors and actuators                    |
| <input type="checkbox"/> Better computing, networking and communication technologies | <input type="checkbox"/> New prototyping and fabrication Technologies |
| <input type="checkbox"/> Better Human-Robot Interfaces                               | <input type="checkbox"/> New materials                                |

**Which main grand research avenues robotics R&D shall focus on in the next decade** (up to three):

- |   |  |
|---|--|
| <input type="checkbox"/> Soft Robotics            | <input type="checkbox"/> Micro-nano Robotics         |
| <input type="checkbox"/> Embodied Intelligence    | <input type="checkbox"/> Humanoid Robotics           |
| <input type="checkbox"/> Intelligent Vehicles     | <input type="checkbox"/> Wearable Robotics           |
| <input type="checkbox"/> Brain-machine Interfaces | <input type="checkbox"/> Medical Robots, Prosthetics |
| <input type="checkbox"/> Cognitive Robotics       | <input type="checkbox"/> Defense, Aerospace Robotics |

**Which industrial sector(s) will most benefit from robotics R&D achievements in terms of their competitiveness?** (up to three)

- |  |  |
|--|--|
| <input type="checkbox"/> Industrial automation, mechatronics           | <input type="checkbox"/> Biotech, pharma, medical                    |
| <input type="checkbox"/> Automotive, transportation, personal Mobility | <input type="checkbox"/> Home automation, furniture, appliances      |
| <input type="checkbox"/> Gaming, edutainment                           | <input type="checkbox"/> Consumer electronics, communication devices |
| <input type="checkbox"/> Food  | <input type="checkbox"/> Services to citizens for Quality of Life    |
| <input type="checkbox"/> Other existing sectors                        | <input type="checkbox"/> New sectors                                 |

### About you (optional)

**Highest academic degree:** ☐ PhD - ☐ MS - ☐ BS      **Current position:** \_\_\_\_\_

**Name:** \_\_\_\_\_      **Affiliation:** \_\_\_\_\_

**Age:** \_\_\_\_\_      **Gender:** \_\_\_\_\_      **Email address:** \_\_\_\_\_

**Comments**