



AI + New Horizons

Step into the future of AI and robotics —
where science meets creativity and imagination
becomes reality

A Half-Day AI & Robotics Science Popularization Research Camp



SHENZHEN INSTITUTE
of ARTIFICIAL INTELLIGENCE AND ROBOTICS *for* SOCIETY
深圳市人工智能与机器人研究院

科学+艺术联合实验室
SciArt Co-lab



Project Introduction & Highlights

AIRS

深圳市人工智能与机器人研究院

SHENZHEN INSTITUTE
of ARTIFICIAL INTELLIGENCE AND ROBOTICS for SOCIETY

This exclusive half-day research camp offers secondary students a unique opportunity to explore cutting-edge artificial intelligence and robotics at Shenzhen's leading research institute.

Through immersive lab visits, interactive exhibitions, and expert lectures, students will experience the transformative power of AI, deepen their scientific understanding, and ignite a passion for future technologies.

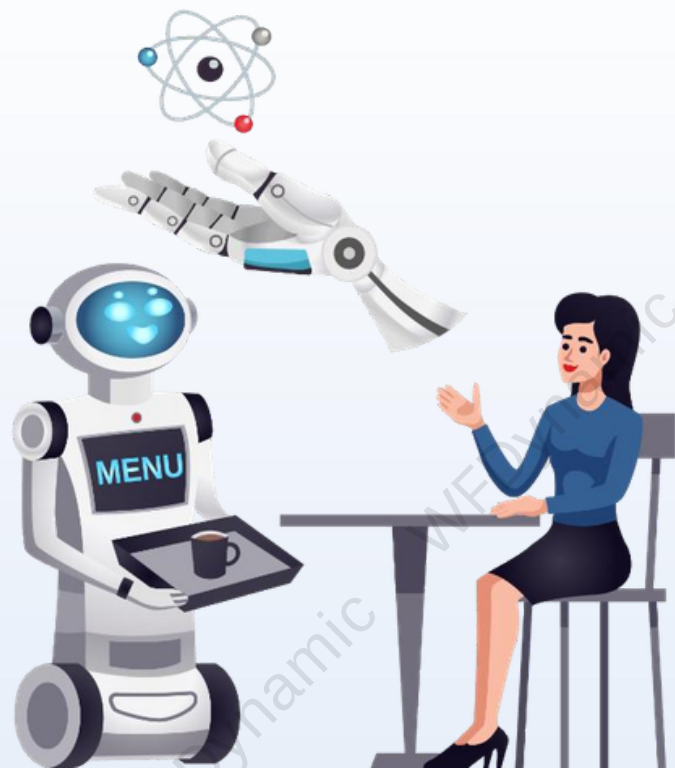
Key Highlights

- Non-programming AI Literacy Program specially designed for ages 12–18
- Focus on 21st-century skills: logical thinking, debate, maker spirit, responsible use of generative AI (including DeepSeek & ChatGPT applications)
- Science + Art Fusion through the SciArt Co-lab — exploring how creativity and technology shape our future
- Hosted by AIRS (one of Shenzhen's Top 10 Basic Research Institutions, affiliated with The Chinese University of Hong Kong, Shenzhen)





Half-Day Itinerary



10:00 – 10:05 Opening Session

- Check-in, welcome, and orientation
- Group photo

10:05 – 10:30 AI & Robotics Lab Tour

- Visit state-of-the-art research laboratories
- Learn about current research directions, advanced equipment, and real-world applications
- Interactive Q&A with researchers

10:30 – 12:00 AI Thematic Lecture by AIRS researchers

- Topics include: AI fundamentals, technical principles, real-world applications, future trends, and practical logic of generative AI tools (DeepSeek, ChatGPT, etc.)
- Interactive discussion and student Q&A

12:00 – 12:30 Closing Ceremony

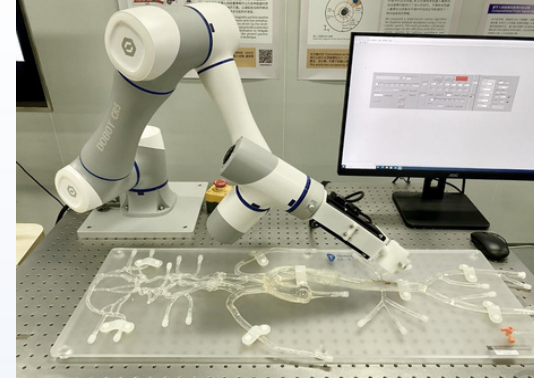
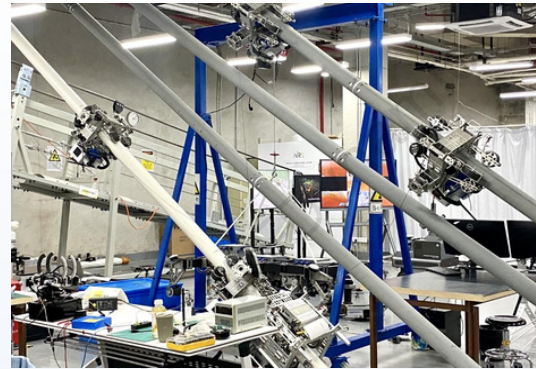
- Student reflections and sharing



Explore the Future at AIRS Laboratories

AIRS

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What You Will Experience

- Tour professional AI and robotics research facilities
- Discover 12 research centers covering:
 - Medical and micro/nano robots, Computer vision and soft robotics, Multi-robot collaborative systems, Embodied intelligence and swarm intelligence, AI for sustainable development and smart low-carbon solutions

Hands-on Learning

- Understand the working principles of robots (sensors, control systems, structure)
- Explore real-world AI applications in healthcare, transportation, entertainment, and more
- Develop problem-solving skills by analyzing challenges and designing innovative solutions



Science + Art = ?

AI is driving an unstoppable productivity revolution.

Where does that leave humanity?

Can the convergence of frontier science and art offer new ways to solve problems?

Welcome to SciArt Co-Lab.

An interdisciplinary creative lab at the intersection of science and art — integrating art, science, architecture, design, engineering, and beyond.

Research explorations include:

- AI integration
- Tech art
- Public art
- Digital creativity

Through cross-disciplinary practice and problem-driven thinking, the lab challenges how people perceive the world — and transforms what science + art can become.





Thank you!

For school programmes, collaborations, or future visits, please reach out.

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