PhD Course @ DAUIN

Politecnico di Torino

Trustworthy AI Agents for Human-Centered Social Impact

What: 17-hour PhD-level Course on exploring trustworthy, human-centered AI systems, from social robots and healthcare chatbots to political ad transparency and misinformation on messaging apps, through lectures, hands-on activities, and critical discussion of ethical and regulatory trade-offs.

For Whom: PhD students

Where: Lab 8

Who: Taught by world-class academics:

Yvonne Rogers is a UCL professor and leading HCI researcher focused on human-centered interaction design, including how people engage with emerging AI and robotic systems.

Fabricio Benevenuto de Souza is a UFMG professor and Humboldt scholar, known for work on transparency, auditing, and misinformation dynamics at scale.

When: May6-June5; Lectures: Wednesdays 2pm–6pm. Final test: Friday.

May 6
***Yvonne Rogers*, Human-Robot Interaction**: what role should social robots play in society? This will include a lecture, a video showcase of different kinds of robots with discusssion of ethical considerations and review of key readings.

May 13
***Yvonne Rogers*, AI Chatbot Use in Healthcare and Everyday Life:** advances, benefits and societal concerns. This will include a lecture, hands-on activity, and review of key readings and guidelines.

May 20
***Fabricio Benevenuto de Souza*, Political Ad Transparency in Platforms and Elections:** advances, limits, and societal concerns. We review key papers and systems for political ad transparency, discuss what data platforms disclose (and what they do not), and analyze current regulatory approaches and open problems in auditing and enforcement.

May 27
***Fabricio Benevenuto de Souza*, Messaging Apps in Politics and Everyday Life:** misinformation, privacy, and public safety. We examine how information and misinformation spread in closed messaging environments (e.g., forwarding chains, coordination, multimodal content), and debate possible regulatory options and design interventions—balancing free speech, privacy, and public safety. Sessions combine short lectures and guided discussion around research findings and policy trade-offs.

June 5, 3pm-4pm
Daniele Quercia, Final test

Contact: responsibleai.lab@polito.it
PhD Program in Computer and Control Engineering