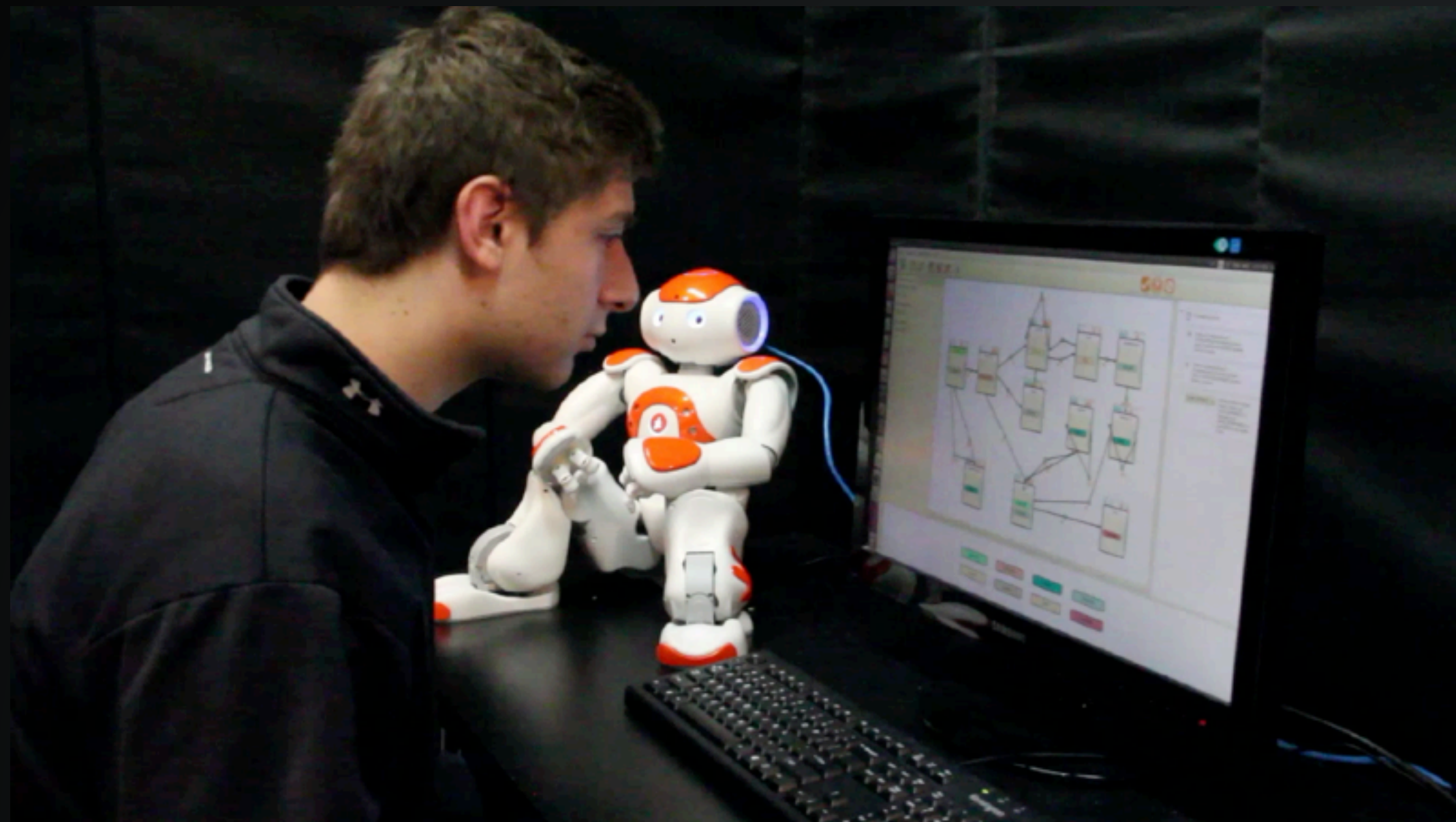**2**

Thread 2 integrates **end-user programming** and **program synthesis** methods to build expert and non-expert tools for robot programming.

Research Thread 2:
Enabling End Users To Create
Complex Robot Programs

UIST 2018 BEST PAPER AWARD
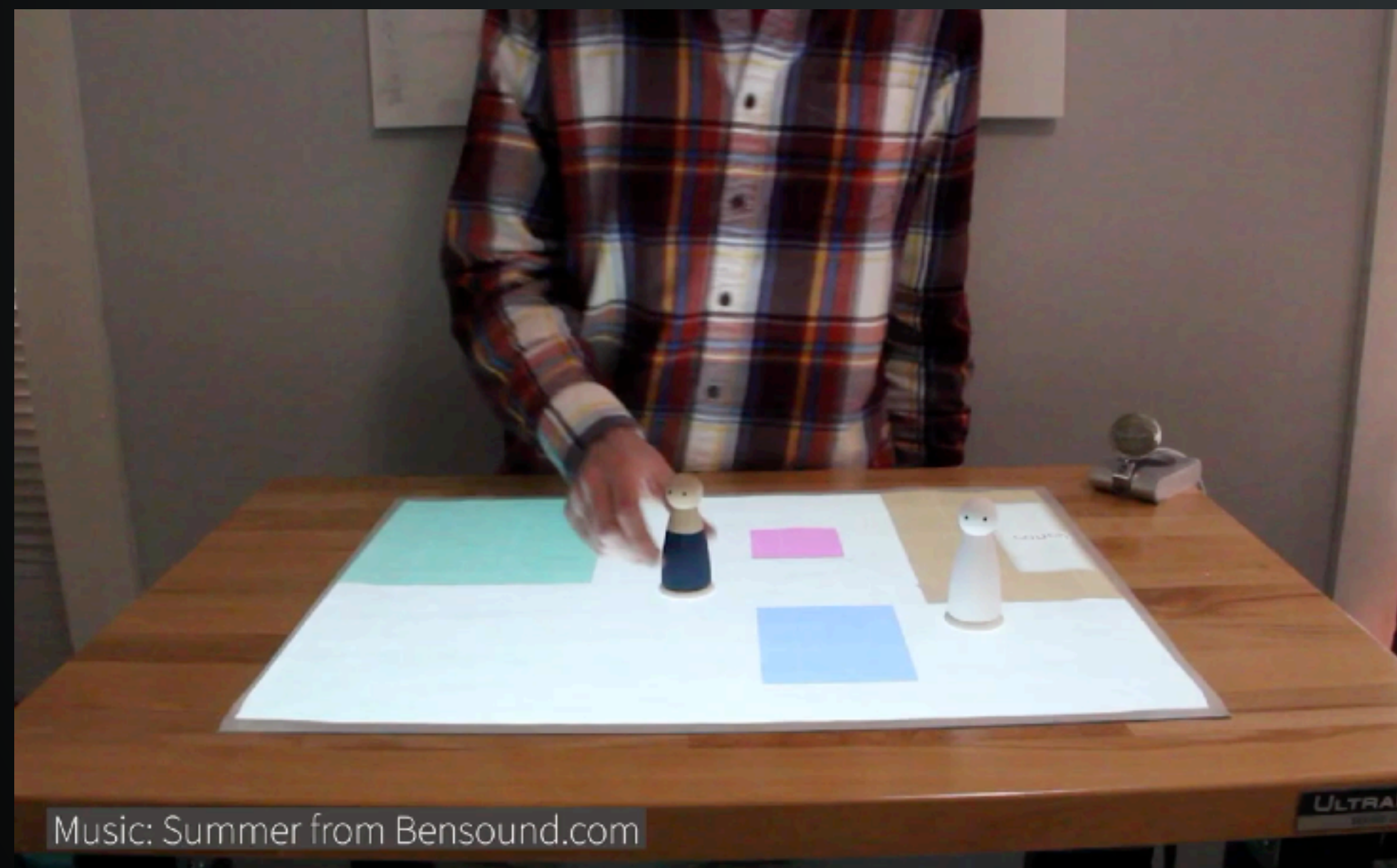**UIST 2019, CHI 2021, HRI 2023**
HRI 2023 BEST PAPER AWARD

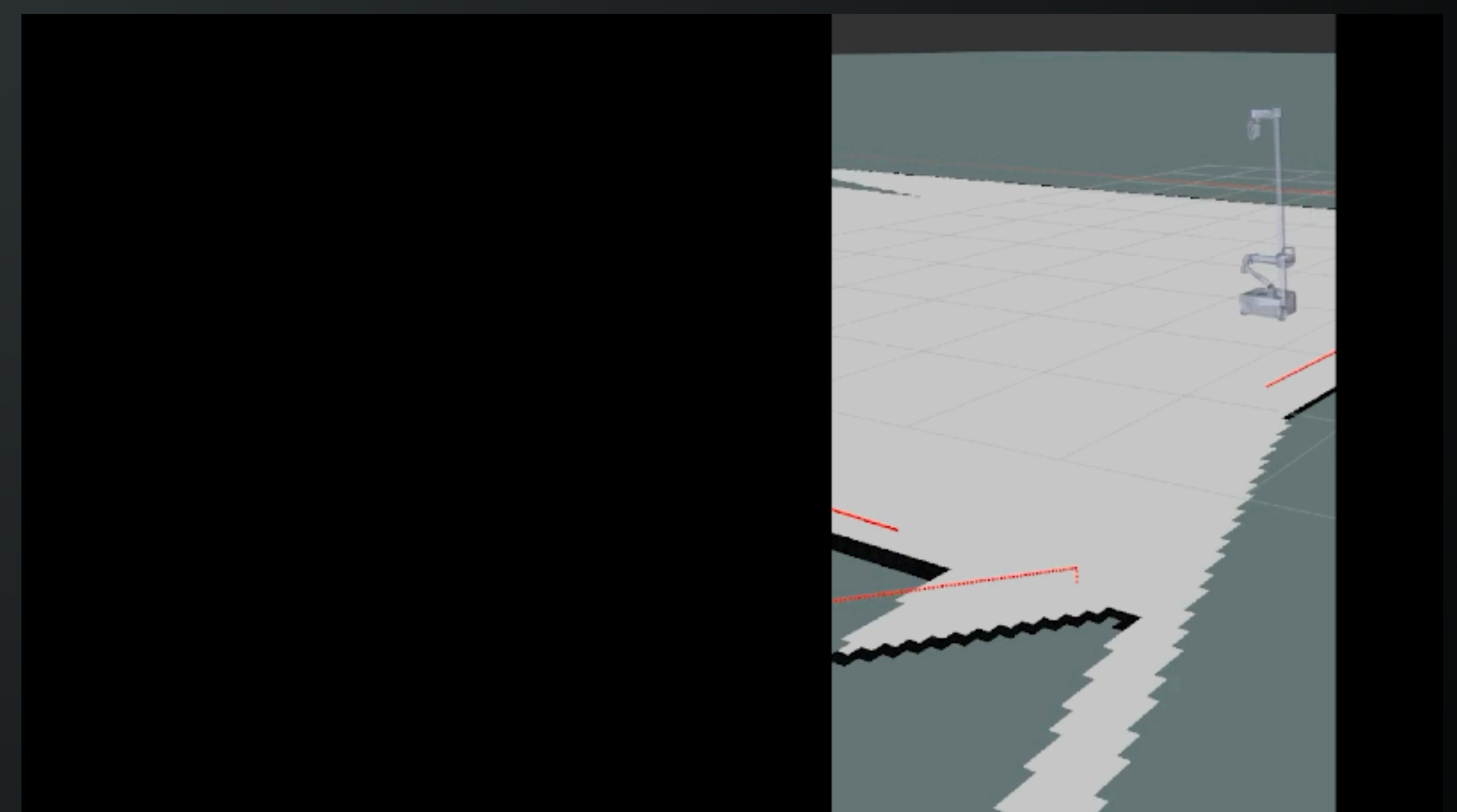Visual programming and program verification

Program synthesis from social demonstrations

Synthé records designers as they act out an interaction,

Program synthesis from multimodal input

Music: Summer from Bensound.com

Program synthesis from multimodal input