

Imagining Sustainable Futures:

Expanding the Discussion on Sustainable HCI

Eleonora Mencarini, Bruno Kessler Foundation Valentina Nisi, University of Lisbon Christina Bremer, Lancaster University Chiara Leonardi, Bruno Kessler Foundation Nuno Jardim Nunes, University of Lisbon Jen Liu, Cornell University Robert Soden, University of Toronto

Insights

- → HCI researchers should work with other disciplines and include nonhuman perspectives to develop a systemic understanding of climate change.
- → A cultural shift from the concepts of persuasion, personhood, and property toward collectively nurtured common goods is needed to trigger collective action.
- → Hopeful visions of the future might help to contrast ecoanxiety and denialism.

For the past 15 years, in light of biodiversity loss, ocean acidification, droughts, floods, and threats to humans' and nonhumans' health, life, and activities, HCI researchers have been reflecting on the role their work can play in reducing the impact of climate change. Recently, the discourse on climate change in the HCI community has expanded to include effective communication to raise citizens' awareness, policy design, the value of biodiversity, and the perspectives of nonhuman actors.

During CHI 2023, we organized the workshop "HCI for Climate Change: Imagining Sustainable

Futures" [1] to map the various perspectives from which the CHI community currently addresses the problem of climate change. By bringing together these different perspectives, our intent was to find contact points among them and create synergies to imagine sustainable futures together.

The workshop was met with great interest, highlighting the need for discussion spaces on climate change in the CHI community. We received 46 submissions (40 of which were accepted) and welcomed 53 participants (16 online and 37 in person in Hamburg, Germany).