

Special Issue

Animal–Computer Interaction: Advances and Opportunities— Second Edition

Message from the Guest Editors

This Special Issue highlights new research in animal–computer interaction, exploring how technology can enhance multi-species harmony. We welcome articles such as reports, case studies, reviews, methods, and perspectives that examine techniques for advancing human understanding of non-human perception and cognition. Topics of interest include:

- Refining technology to be more animal-friendly;
- Designing systems that give animals greater control over their technological experiences and the insights this offers for welfare, research, and design;
- Enhancing human–animal relationships across contexts including wild, domesticated, managed, working, and laboratory animals;
- Engaging with animals through cognition-related activities, recognizing species-specific sensory perception;
- Learning from non-human perception to inform conservation, system design, route planning, and environmental impact;
- Investigating conspecific and interspecies communication strategies;
- Using sensors and computer vision not only to monitor behaviour but also to support enriching, animal-initiated activities.

Guest Editors

Dr. Fiona French

Interaction Design Research Group, School of Computing and Digital Media, London Metropolitan University, London N7 8DB, UK

Dr. Christopher Flynn Martin

Indianapolis Zoo, Indianapolis, IN 46222, USA

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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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