







JMIR Human Factors

(Re-)designing health care and making health care interventions and technologies usable, safe, and effective.

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Health Care Science & Services

* Highest quartile ranking in top-ranked JCR category

JMIR Human Factors publishes peer-reviewed scientific work at the intersections of multiple disciplines, sharing insights and research from design experts, researchers, engineers, and social scientists. The journal focuses on understanding how human behavior and cognition influence and shape the design of healthcare interventions and technologies. Also, this includes rigorously evaluating and improving designed interventions and their components to ensure healthcare solutions are usable, safe, and effective, and they are evaluated for unintended consequences. Relevant approaches include studies on usability and heuristic evaluations, ergonomics, error prevention, and the thoughtful design of medical devices and complex healthcare systems and workflows.

JMIR Human Factors fosters a culture of "usability by design," appropriate applications of design principles and ethical design, and a commitment to rigorous testing, error-prevention, and safety within healthcare. JMIR Human Factors publishes reports that evaluate the human factors aspects of healthcare and technology applications, and encourages the development and debate on new methodologies in this evolving field. Studies describing the experience and outcomes of co-design and participatory design of healthcare interventions and technologies are also relevant to JMIR Human Factors. Examples of JMIR Human Factors subject areas are enhancing teamwork through human factors-based training and measuring non-technical skills like leadership and communication, to shaping healthcare policies and procedures that actively reduce errors, increase patient safety, and ease work burden for health professionals and patients.



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Sebastian Fitzek,Danube Private University



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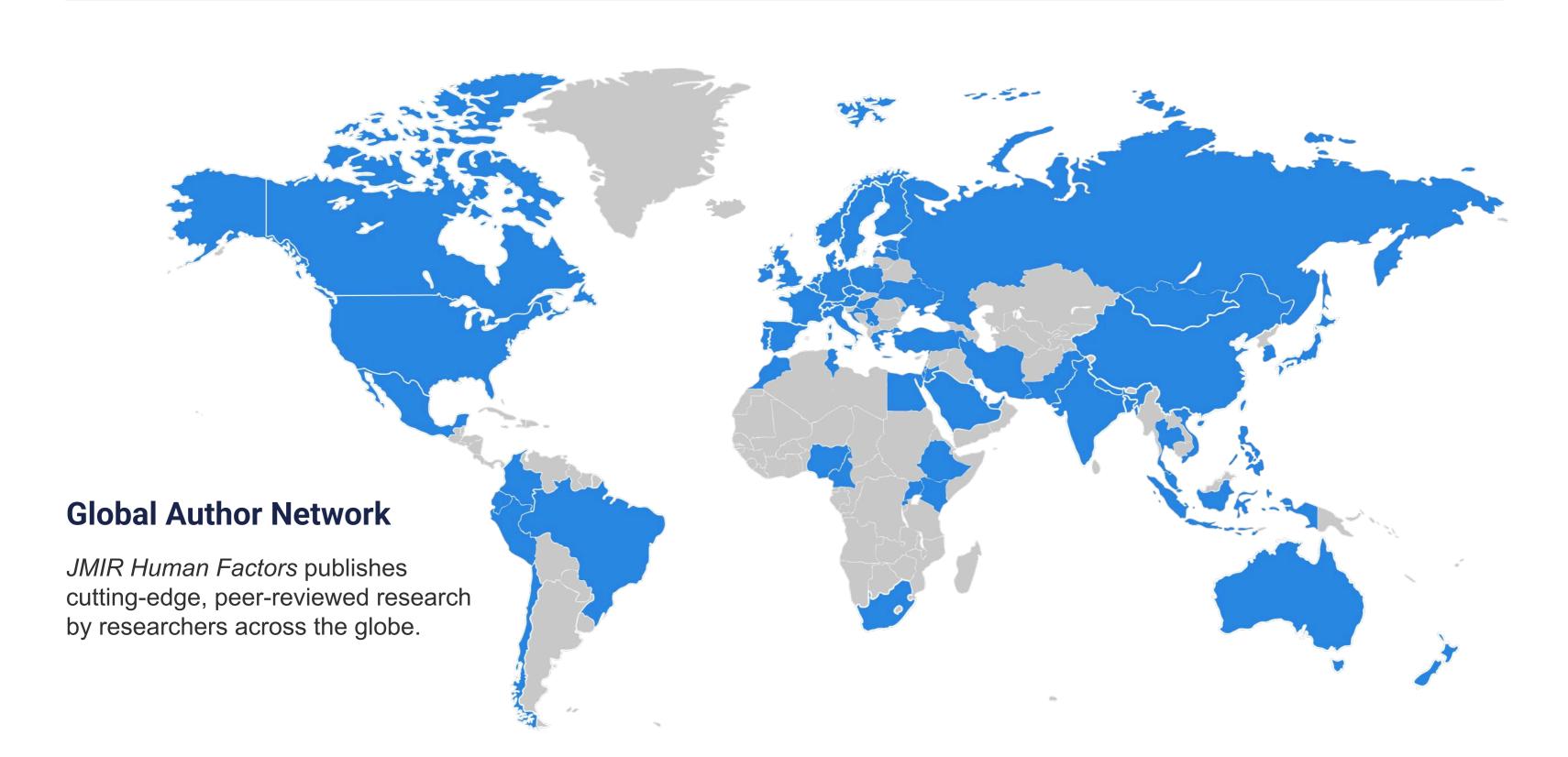


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JMIR Human Factors ISSN 2292-9495





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