



SVR 2024

26th Symposium on Virtual and Augmented Reality

PROGRAM – OCTOBER 3, 2024

TIME	LOCAL	ACTIVITY
8 am	Room B-09 - Ludus Lab	REGISTRATION
9 am to 11 am	Room D-5	<p>Technical Session 6 (Industry and Human Factors): Comparative analysis of spatiotemporal playback manipulation on virtual reality training for External Ventricular Drainage (C&G) <i>Andreas Wribe (KTH Royal Institute of Technology – Sweden), Renan Guaresse (KTH Royal Institute of Technology – Sweden), Alessandro Iop (KTH Royal Institute of Technology – Sweden), Mario Romero Vega (KTH Royal Institute of Technology – Sweden)</i></p>
		<p>Technical Session 6 (Industry and Human Factors): Enhancing Virtual Human Interactions by Designing a Real-Time Dialog Filter for Mitigating Nonsensical Responses <i>Alexandre Gomes de Siqueira (University of Florida – USA), Heng Yao (University of Florida – USA), Sarah Bloch-elkouby (Icahn School of Medicine – USA), Olivia Lawrence (Icahn School of Medicine – USA), Giuseppe Sarli (Icahn School of Medicine – USA), Megan Rogers (Icahn School of Medicine – USA), Igor Galynker (Icahn School of Medicine – USA), Rohith Venkatakrishnan (University of Florida), Roshan Venkatakrishnan (University of Florida), Benjamin Lok (University of Florida – USA)</i></p>
		<p>Technical Session 6 (Industry and Human Factors): Virtual Reality Bank: A Novel Banking Experience in Immersive World <i>Rathnam Rasanji (University of Moratuwa – Sri Lanka), Nikeshi Kumarasinghe (University of Moratuwa – Sri Lanka), Vidura Karunarathna (University of Moratuwa – Sri Lanka), Rumal Pethangoda (University of Moratuwa – Sri Lanka), Ranga Rodrigo (University of Moratuwa – Sri Lanka)</i></p>
		<p>Technical Session 6 (Industry and Human Factors): Inspection and Training using Virtual Reality Applied a new Wheel Loader Model <i>Mario Mestria (Instituto Federal do Espírito Santo – Brazil), Luiz Borges (IFES – Brazil), Arthur Miranda (Instituto Federal do Espírito Santo – Brazil), João Vitor Ferreira (Instituto Federal do Espírito Santo – Brazil), Thales Lazarini (Instituto Federal do Espírito Santo – Brazil), Thiago Martins (Vale – Brazil), Rodrigo Andreão (Instituto Federal do Espírito Santo – Brazil), Alexandre D. A. Neto (Inst. Federal Esp. Santo), Matheus G. Novais (IFES), Marcelo Schimidt (Instituto Federal do Espírito Santo – Brazil)</i></p>
		<p>Technical Session 6 (Industry and Human Factors): Using learning environments for military study <i>Raphael Almeida (PUC-Rio – Brazil), Thiago Gonçalves (PUC-Rio – Brazil), Alberto Raposo (PUC-Rio – Brazil)</i></p>
		<p>Technical Session 6 (Industry and Human Factors): Improving VR Accessibility Through Automatic 360 Scene Description Using Multimodal Large Language Models <i>Elisa Ayumi Masasi de Oliveira (Federal University of Goiás – Brazil), Diogo Fernandes (Federal University of Goiás – Brazil), Arlindo Rodrigues Galvão Filho (Federal University of Goiás – Brazil)</i></p>
	<p>Technical Session 6 (Industry and Human Factors): Fine Tuning a Video Masked Auto Encoder to Create a Augmented Reality Application for Brazilian Sign Language Interpretation <i>Rodrigo Fanucchi (Goiás Federal University – Brazil), Gabriel da Mata Marques (Universidade Federal do Goiás – Brazil), Lucas Brandão Rodrigues (Universidade Federal do Goiás – Brazil), Arlindo Galvão (Universidade Federal de Goiás – Brazil), Anderson Soares (Universidade federal de Goiás – Brazil), Telma Soares (Universidade Federal de Goiás – Brazil)</i></p>	
		<p>WUW – Workshop of Undergraduate Works: Sign2Sign – A First Attempt <i>Titus Weng (Bucknell University – USA), Sing Chun Lee (Bucknell University – USA)</i></p>



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	Room D-1	<p>WUW – Workshop of Undergraduate Works: The Hand Guide: A Virtual Reality Application for Surgical Training <i>Amadeo Neto (UFPE – Brazil), Joao Marcelo Teixeira (UFPE – Brazil), João Barbosa Moizes (UFPE – Brazil), Veronica Teichrieb (Centro de Informática – UFPE – Brazil)</i></p> <p>WUW – Workshop of Undergraduate Works: Framework para Treinamento em Realidade Virtual Utilizando Técnicas com Foco na Experiência do Usuário <i>Lyncon Baez (Unioeste – Brazil), Claudio Mauricio (Unioeste – Universidade Estadual do Oeste do Paraná – Brazil), Fabiana Peres (Unioeste – Brazil)</i></p> <p>WUW – Workshop of Undergraduate Works: Biofeedback in Virtual Reality: Assessing Immersive Industrial Safety Training <i>Gabriel Santos (Senai Cimatec – Brazil), Rafael Miguez (Centro Universitário SENAI CIMATEC – Brazil), Felipe Leão Dias (Centro Universitário SENAI CIMATEC – Brazil), Márcio Soussa (Centro Universitário Senai Cimatec – Brazil), Ingrid Winkler (Centro Universitário SENAI CIMATEC – Brazil)</i></p> <p>WUW – Workshop of Undergraduate Works: Implementation and Evaluation of Elements Aimed at Achieving Enjoyment <i>Ismael M. Araujo (Universidade Federal da Paraíba – Brazil), Liliane Machado (Universidade Federal da Paraíba – Brazil)</i></p>
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11 am to 12 pm	Room D-1	<p>From Augmented Reality to Augmented Intelligence: The Future of Spatial Computing and Behavior Analytics</p> <p>Keynote: Veronica Teichrieb</p>
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12 pm to 1:30 pm

LUNCH

1:30 pm to 3 pm	Room D-1	<p>Technical Session 7 (Health): What if HMDs could generate audio descriptions of real scenes for visually impaired people? <i>Claudio Mauricio (Universidade Estadual do Oeste do Paraná – Brazil), Gustavo Domingues (Universidade Estadual do Oeste do Paraná – Campus Foz do Iguaçu – Brazil), Ivã Padua (Unioeste – Universidade Estadual do Oeste do Paraná – Brazil), Fabiana Peres (Unioeste – Universidade Estadual do Oeste do Paraná – Brazil), João Marcelo Teixeira (Universidade Federal de Pernambuco – Brazil)</i></p> <p>Technical Session 7 (Health): Simulation Sickness in Virtual Reality Games, How to Relieve it – Systematic Literature Study <i>Milena Pereira (Universidade Federal do Estado do Rio de Janeiro – Brazil), Felipe Lancelotte (Universidade Federal do Estado do Rio de Janeiro – Brazil), Tadeu Classe (Universidade Federal do Estado do Rio de Janeiro – Brazil), Ana Cristina Bicharra Garcia (Universidade Federal do Estado do Rio de Janeiro – Brazil)</i></p> <p>Technical Session 7 (Health): ReBase: a framework for acquiring and managing body tracking data <i>Tiago Trotta (Universidade Federal de São João del Rei – Brazil), Luis Rodrigues (Sao Paulo State University – Brazil), José Remo Brega (UNESP – Bauru – Brazil), Marcelo Guimarães (Universidade Federal de São Paulo – Brazil), Leonardo Rocha (Universidade Federal de São João Del Rei – Brazil), Alexandre Brandão (Pontifical Catholic University of Campinas – Brazil), Diego Colombo Dias (Universidade Federal do Espírito Santo – Brazil)</i></p> <p>Technical Session 7 (Health): Enhancing Robustness in Audio Deepfake Detection for VR Applications using data augmentation and Mixup <i>Gustavo Oliveira (Universidade Federal de Goiás – Brazil), Lucas Stefanel Gris (Universidade Federal de Goiás – Brazil), Raffaello Virgilli (Universidade Federal de Goiás – Brazil), Lucas Souza (Universidade Federal de Goiás – Brazil), Daniel Tunnermann (Universidade Federal de Goiás – Brazil), Isadora Stéfany Remigio</i></p>
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		<i>Mesquita (Universidade Federal de Goiás – Brazil), Evellyn Nicole Machado Rosa (Universidade Federal de Goiás – Brazil), Arlindo Rodrigues Galvão Filho (Universidade Federal de Goiás – Brazil)</i>
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3 pm to 3:30 pm	Ground Floor - STEM	COFFEE BREAK
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4 pm to 5 pm	EST Auditorium – Block C	Panel 4: Challenges and Opportunities in Games and Virtual Reality Panelists: <i>Cristiano Maciel (UFMT), José de Moura Brandão (TECTOY), Luciana Nedel (UFRGS), Soraia Raupp Musse (PUCRS)</i> Moderators: <i>Maria Andréia Formico Rodrigues (Universidade de Fortaleza), Francisco Paulo Magalhães Simões (Universidade Federal Rural de Pernambuco), Jucimar Maia da Silva Junior (Universidade do Estado do Amazonas) e Marcela Sávia Picanço Pessoa (Universidade do Estado do Amazonas)</i>
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5 pm to 6:30 pm	Room D-5	Closing Ceremony
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