

# Preliminary program

V.S.A.C.22  
*VSAAC*

*re·al·i·ties*

**Location:** In and around the Oudemanhuispoort 4-6, Amsterdam

**Dates:** 24-27 August 2022

# Wednesday 24 August

|             |   |
|-------------|---|
| 12:00       | <b>Lunch &amp; Registration</b>   |
| 13:00-13:15 | <b>Opening ceremony</b>   |
| 13:15-14:30 | <b>Symposium I - Realities of Geometries</b><br>Martin Skrodzki<br><i>3D printing the geometry of sound</i><br>Teresa Hunyadi and Dave Murray-Rust<br><i>Material Deformations of Penrose Tiling</i><br>Rinus Roelofs<br><i>Folding polyhedra inspired by Albrecht Dürer</i><br>Anna Maria Hartkopf and Johanna Michaels<br><i>A VR journey through the geometry of space</i>   |
| 14:45-15:30 | <b>Tutorial - Art and machines: A tutorial on AI generated art</b><br>Anne-Sofie Maerten and Derya Soydaner   |
| 15:30-16:30 | <b>Break (possibly practical session about tutorial)</b>  |
| 16:30-18:30 | <b>Symposium II - How are the arts related to transformations in our everyday life? How can a visual science of art capture this impact? An overview of the ARTIS project.</b><br>Joerg Fingerhut, Matthew Pelowski and Eftychia Stamkou<br><i>Art and Transformation: An embodied, enactive theory of the arts and interpretation of recent findings.</i><br>Stephanie Miller, Joerg Fingerhut and Matthew Pelowski<br><i>What are the shared ways we might respond to art? *</i><br>Corinna Kühnapfel, Joerg Fingerhut and Matthew Pelowski<br><i>How do we move in front of art? *</i><br>Rohan Dunham, Gerben Van Kleef and Eftychia Stamkou<br><i>Artists' Motives for Creating Art and Their Impact on Social Perceptions and Aesthetic Judgements</i><br>Mackenzie Trupp, Giacomo Bignardi, Eva Specker, Ed Vessel and Matthew Pelowski<br><i>Who Benefits from Art Viewing and How. *</i><br>Yagmur Ozbay, Suzanne Oosterwijk and Eftychia Stamkou<br><i>Art Engagement on Interpersonal Outcomes: Does visual art facilitate social-cognitive abilities?</i> |
| 19:00       | <b>Reception</b>  |

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# Thursday 25 August

9:00-10:30

## Talk session I - Spaces and Senses

Christina Krumpholz, Cliodhna Quigley, Karsan Ameen, Leonida Fusani, Christoph Reuter and Helmut Leder  
*Audiovisual interaction and integration of human attractiveness*

David Phillips

*Does Visual Music Have a Future?*

Joe Geigel

*Theatre in the Metaverse: Reflections on the Realities of Distributed Performance*

Qasim Zaidi, Akihito Maruya, Crystal Guo and Erin Koch

*Oblique Experiences*

Jan Koenderink and Andrea van Doorn

*Tafereel*

10:30-11:00

## Coffee break

11:00-12:30

## Symposium III - Unexpected realities: how uncertainty and imperfection influence perception and interpretation in digital visual studies

Dejan Grba

*Poetic Contingencies: Uncertainty and Imperfection in AI Art*

Valentine Bernasconi

*Imperfect tools - When uncertainties of automated recognition reveal pictorial peculiarities*

Nanne van Noord

*What is the right task?*

Robin Champenois

*Happy Accidents of the Artificial Unconscious*

Eva Cetinić and Darío Negueruela del Castillo

*The Doors of Multimodal Perspectives: Deep Learning and the Kaleidoscopic Embeddings of Culture*

12:30-14:15

## Coffee break & Poster session

14:15-16:15

## Artistic Keynotes

Nim Goede

*To be announced*

Floris Schönfeld

*To be announced*

Tine Melzer

*To be announced*

16:15-17:00

## Coffee break & Poster session

17:00-18:30

## Talk session II - Perception and Production

Pierre Lelièvre and Peter Neri

*Perceptual Exploration of Latent Space for Pictorial Composition*

Rebecca Chamberlain, et al.

*Cross-cultural comparison of emotion recognition in abstract drawings*

Claudia Damiano, et al.

*Emotion depictions in abstract visual art by artists and non-artists*

Marius H. Raab, Ludwig Hanisch, Jennifer Tesch and Claus-Christian Carbon

*The creative potential of digital constraints*

Marina Iosifian and Judith Wolfe

*Everyday life vs art: Effects of perceptual context on the mode of object interpretation*

# Friday 26 August

8:45-10:15

## Talk session III - Establishing Preference

John Maule, Sérgio Nascimento, Martina Guido, Yasmin Richter, Alice Skelton and Anna Franklin

*The development of visual preference for color composition*

Alex Swartz, Martina Guido, Alice Skelton, Jenny Bosten, Anna Franklin and John Maule

*The contribution of chromatic and spatial scene statistics to aesthetic perception varies with autistic traits.\**

Maria Pombo, Aenne Brielmann and Denis Pelli

*When judging beauty, order matters only if the stimuli are homogeneous*

Lisa-Maria Van Klaveren and Ralf F. A. Cox

*Moved by movement to move.\**

Eva Specker, Jozsef Arato and Helmut Leder

*How are real artworks and reproductions judged?*

10:15-11:00

## Coffee break & Poster Session

11:00-12:15

## Symposium IV - What eye-tracking can reveal about perception and appreciation of art

Anna Miscena and Raphael Rosenberg

*Two Ways of Seeing: Investigating the perception of a painting's surface versus of its subject. \**

Stefanie De Winter, Michelle Jansens and Johan Wagemans

*Hiraqla's Chromatic Eclecticism: New Insights from the Tracking Frank Stella Study*

Bettina Bläsing and Elizabeth Waterhouse

*Effects of experience on spectators' visual attention while watching William Forsythe's choreography „Duo“ \**

Christopher Linden and Johan Wagemans

*Eye-tracking Pieter Vermeersch: Artworks elicit specific explorative behaviors*

12:15-13:45

## Lunch & Poster session

13:45-15:45

## Artistic Keynotes

Edwin Zwakman

*To be announced*

Coralie Vogelaar

*To be announced*

15:45-16:15

## Coffee break

16:15-17:45

## Symposium V - Stroboscopic light effects on perceptual and cognitive experiences

Michael Rule

*Mathematical models of geometric visual hallucinations induced by flickering light*

Rasa Gulbinaite

*What do neurons mean when they say: "That totally resonates with me"*

Miriam Loertscher

*How Cinema Learned to Stop Flickering and Love the Bytes*

Guy Edmonds

*Flicker in Early Cinema: Artifact as Experience*

Matthijs Munnik

*Flicker observatorium*

Arthur Crucq

*On and off; in search for the 'punctum' in geometric decorative patterns*

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# Saturday 27 August

## 9:00-10:45 **Talk session IV - Style, Convention & Conversation**

Viktoria Sommermann and Claus-Christian Carbon

*Icons of Photojournalism: References and connectivity to pictorial archetypes*

Claus-Christian Carbon and Alexander Pastukhov

*The sun from top left: An aesthetic default from the Renaissance is not available for laypersons*

Peter Hall

*Can Subjective Style be Measured Objectively?*

Gregor Hayn-Leichsenring and Katja Thömmes

*"How I need you to pose" - Understanding the left hemiface bias of artists when painting portraits*

Erkin Özmen and Gregor Hayn-Leichsenring

*Beauty and the Beasts - The Aesthetics of Propaganda Posters*

Nicole Ruta, Rebekah Dyer, Dhanraj Vishwanath and Brendan Wolfe

*Reconnect, reiterate and reveal: a multidisciplinary framework to integrate artistic and scholarly research*

## 10:45-11:15 **Break**

## 11:15- 12:30 **Talk session V - Neuroesthetics**

Giacomo Bignardi, et al.

*Brain-wide functional alterations of the principal gradients of human brain connectivity \**

Theresa Rahel Demmer, Matthew Pelowski and Nina Fasan

*Edmund de Belamy and the Art of Transmitting Emotions \**

Blanca Thea Maria Spee, et al.

*Unlocking the Muse \**

Guido Orgs, Laura Rai, Haeun Lee, Matthias Sperling, Federico Calderon and Jamie A. Ward

*The Neurocognition of Liveness*

## 12:30-13:00 **VSAC Business meeting**

## 13:00-15:30 **Break**

## 15:30-18:00 **Symposium - Rembrandt**

Arjan de Koomen

*To be announced*

Jeroen Stumpel

*To be announced*

Lisa Wiersma

*To be announced*

Joris Dik

*To be announced*

Rob Erdman

*To be announced*

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# Posters Thursday

Erick Gustavo Chuquichambi, Enric Munar, Martin Skov and Oshin Vartanian

*How universal is the effect of visual curvature?*

Gregor Hayn-Leichsenring

*CryptoPunks - Aesthetics of non-fungible tokens predict their value*

Christina Krumpholz, Clíodhna Quigley, Leonida Fusani and Helmut Leder

*Vienna Talking Faces: A stimulus database of voices, pictures, and synchronized videos of speaking humans (ViTaFa)*

Hannah Alexa Geller, Ralf Bartho, Katja Thömmes and Christoph Redies

*Higher Aesthetic Ratings for Computer-Generated Abstract Images With Statistical Image Properties Similar to Traditional Artworks*

Samantha Wutuh and Masashi Nakatani

*Haptic Vibrotactile Palette: Enhancing Tactile Material Perception in Digital Experiences*

Pik Ki Ho and Gregor Hayn-Leichsenring

*Gazing at the realistic - Eye movements during aesthetic appreciation of Baroque, Impressionist, and Expressionist art portraits*

Claudia Muth, Gesche Westphal-Fitch and Claus-Christian Carbon

*Experience and interest shape the perception of order. How affinity for art and design changes our look at visual patterns*

Sean Dageforde, Daniela Parra, Robin Jensen, James Brockmole and Gabriel Radvansky

*Encounters and Memory for Representational and Abstract Art*

Akira Asano, Nao Nishimura and Chie Muraki Asano

*Harmony and dissonance in continuous color changes*

Surabhi S Nath, Franziska Brändle, Eric Schulz, Peter Dayan and Aenne Brielmann

*Spatial complexity and intricacy predict subjective complexity*

Boris Quétard, Christopher Linden, Stefanie De Winter and Johan Wagemans

*Uncovering modes of viewing abstract art works in museum contexts by analysing eye movements with hidden Markov models*

George Mather

*1/f colour statistics of visual art*

Uwe C. Fischer, Stefan A. Ortlieb and Claus-Christian Carbon

*United colours of kitsch: How associations modulate aesthetic evaluations*

Anya Hurlbert

*Real Greens in Visual Art: A Case Study*

Anna Fekete, Eva Specker and Helmut Leder

*Does beautiful art influence pain and stress experience?*

Vera M Hesslinger, Lena K Pieper and Claus-Christian Carbon

*Greater than the sum of its components: Exploring differences in analytic and synthetic art perception*

Trent Davis and Wilma Bainbridge

*Determinants of a Painting's Memorability Both Online and In-Person - Looking at Features Ranging from Size to Semantics*

# Posters Friday

Andrea van Doorn and Jan Koenderink

*Teal & Orange*

Aleksandra Igdalova and Rebecca Chamberlain

*Mindful Viewing in the Gallery: Behavioural and Physiological Responses to a MBE While Viewing Artworks in an Ecologically-Valid Setting*

Kirren Chana and Helmut Leder

*Reading in the City: everyday encounters with text in an urban setting*

Shino Okuda, Rina Furusawa, Moeka Matsumura, Satoko Taguchi, Sayako Kuroda, Hirotaka Kakizaki and Katsunori Okajima

*Preferred Lighting for Appearance of Art Works: A Study of Hummingbirds in John Gould's "Folio Bird Books"*

Adam Peter Frederick Reynolds, Emiliano Ricciardi and Edward Vessel

*Dissociating Incentive Salience from Aesthetic Appeal.*

Marc Welter, Axel Bouneau, Fabien Lotte and Tomàs Ward

*Towards curating personalized art exhibitions in Virtual Reality with multimodal Electroencephalography-based Brain-Computer-Interfaces*

Gemma Schino, Lisa-Maria Van Klaveren, Héctor G. Gallegos Gonzalez and Ralf F. A. Cox

*A multiple case study for measuring the experience of Virtual Reality and physical art installations in the museum*

Philip McAdams, Megan Chambers, Alice Skelton and Anna Franklin

*Spatial complexity predicts adults' pleasantness ratings and infants' visual preferences for Van Gogh landscapes*

Itay Goetz and Claus-Christian Carbon

*Functional functionlessness: People approach immoral content differently within the context of art*

Mitchell van Zuijlen, Sylvia Pont and Shin'Ya Nishida

*Measurement of the visual light field within paintings using real-time rendered probes*

Dominik Lengyel and Catherine Toulouse

*Architectural Design as a Translator of Scientific Realities*

Doris Braun, Matteo Toscani, Paulina Wolf, Alina Gogel and Karl Gegenfurtner

*Context effects on the perception of saturation of fruit colours in still lifes*

Teresa E. Müller and Vera M. Hesslinger

*Lack or abundance? A cross-cultural study on the perception of emptiness in simple architectural spaces*

Stefan A. Ortlieb, Anne C. Kleindienst, Alexander K. Jiraneck, Tegist E. Renner and Claus-Christian Carbon

*Toward a canvas of kitsch: Exploring different types of kitsch based on a combination of cluster and content analyses*

Leon Lou

*Striking proportion errors in observational drawing revealed from a field Experiment*

Jenny Mc Namara

*Minimalism and the Modular Mind*

Nao Kokaji and Masashi Nakatani

*With a Hint of Sudachi: Food Plating Can Facilitate the Fondness of Food*

Lena K Pieper, Vera M Hesslinger and Claus C Carbon

*Two sides of Fechner's Medal – Investigating differences in the experience of design objects depending on personal narratives vs formal descriptions*

Olivia McConnell and Rebecca Chamberlain

*Expertise and Embodiment of Drawing Movements*