

# BLAŽ BAROMIĆ

8<sup>th</sup>-9<sup>th</sup> MAY 2025 - ZAGREB, CROATIA

## THURSDAY, 8<sup>th</sup> MAY 2025

8:30 - 9:30	<b>REGISTRATION</b>
9:30 - 10:00	<b>OPENING REMARKS AND WELCOME SPEECHES</b>
10:00 - 11:00	<b>Invited Lectures</b> <b>Raša Urbas</b> , University of Ljubljana, Faculty of Natural Sciences and Engineering, Slovenia <b>INOVATIONS YOU CAN FEEL: THE IMPACT OF MULTISENSORY PRINTING DESIGN</b> <b>Dominique Cunin</b> , Valence's Art and Design School in the Graphic Design department, France <b>ÉCRAN-PAPIER-ÉDITER : WEB-TO-PRINT TECHNOLOGIES</b>
11:00 - 11:20	<b>Coffee break</b>
11:20 - 12:20	<b>AI and Emerging Technologies</b> <b>Filip Cvitić</b> BRIDGING LOCAL HERITAGE AND GLOBAL AUDIENCES: THE IMPACT OF DIGITAL PLATFORMS ON CULTURAL PRESERVATION <b>Maria S. Bernardino, Maria Helena Souto</b> DESIGN FOR DECENTRALISATION: PORTUGUESE VISUAL DISCOURSES THROUGH THE THEATRE POSTERS CASE STUDY (1960-2000) <b>Tomislav Dorić, Dubravko Banić, Iva Šarčević</b> APPLICATION OF LEAN METHODOLOGY IN 3D MODELING AND ANIMATION PROCESSES <b>Jeffrey Taylor</b> A DYSTOPIAN GUIDEBOOK TO A FUTURE VILNIUS: AI + HISTORY AS TOURISM
12:30 - 13:15	<b>Poster Session and Exhibitions Opening</b> Student Photo Competition and Exhibition Student Project Exhibition: Conceptual Solutions for Trademark Designs Exhibition of Conceptual Solutions for an Educational Board Game Exhibition: DOGP - Design of Selected Graphic Products Industry - Graphic Product Contest
13:15 - 14:00	<b>Refreshments</b>
14:00 - 15:00	<b>Developments in Printing and Packaging</b> <b>Emine Arman Kandirmaz, Hatice Birtane, Asli Beyler Cigil</b> BENTONITE-ENRICHED ETHYLENE SCAVENGER ACTIVE PACKAGING FILMS TO EXTEND THE FRESHNESS OF CHERRY TOMATOES <b>Prokai Piroska, Tibor Fehér</b> INVESTIGATION OF THE RHEOLOGY OF PRINTING INKS USED IN WATERLESS OFFSET PRINTING TECHNOLOGY <b>Emine Arman Kandirmaz, Arif Ozcan</b> DEVELOPMENT OF SMART LABELS USING HIBISCUS SABDARIFFA L. ANTHOCYANINS FOR REAL-TIME MONITORING OF CHICKEN FRESHNESS <b>Ante Gudelj, Marina Vukoje, Tomislav Cigula</b> EFFICIENCY TESTING OF ECOFONTS IN REDUCING TONER CONSUMPTION AND IMPROVING ENVIRONMENTAL PERFORMANCE

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15:00 - 15:20 **Coffee break**

15:20 - 16:50 **Digital Media and Accessibility**

Tomislav Bronzin, Brigita Prole, Marko Horvat, Darko Katović, Arian Stipić, Klaudio Pap  
COMPARATIVE ANALYSIS OF LOW-CODE/NO-CODE TOOLS FOR BUILDING VIRTUAL AI AGENTS

Brigita Prole, Tomislav Bronzin, Marko Horvat, Arian Stipić, Klaudio Pap  
CURRENT LEVELS OF ACCESSIBILITY ON THE WEB: ACHIEVEMENTS AND ONGOING CHALLENGES

Ana Jović, Miroslav Mikota, Lidija Mandić  
ENHANCING TEXT LEGIBILITY IN AUGMENTED REALITY: CHALLENGES AND DESIGN RECOMMENDATIONS

Gracia Zrnić, Vesna Uglješić, Mia Čarapina  
ACCESSIBILITY IN USER INTERFACE DESIGN: THE ROLE OF CONTRAST

Marko Pašalić, Vesna Uglješić, Ivana Žiljak Stanimirović  
INKTRAPS: BEYOND FUNCTIONALITY AND INTO EXPRESSION

Paula Jagodić, Jana Kovačević, Vito Vdović, Aleksandra Bernašek Petrinc  
THE IMPACT OF COLOR IN LOGO DESIGN: A SURVEY-BASED STUDY OF PUBLIC OPINION ON BRAND RECOGNITION THROUGH COLOR ENVIRONMENTAL PERFORMANCE

### PARALLEL SECTION

15:30 - 16:30 **Doctoral school: Generic Skills**

18:00 **Conference dinner: Equestrian Club Trajbar Team**  
Ul. bana Josipa Jelačića 199, Zaprešić

## FRIDAY, 9<sup>TH</sup> MAY 2025

9:00 - 10:00 **Material Science in Printing Technologies**

Igor Majnarić, Bojana Narić, Mladen Stančić  
THE INFLUENCE OF VARNISH APPLICATION ON HARDNESS AND COLOR VARIATION OF UV INKJET PRINTS ON PVC BOARDS

Jelena Poljak, Katarina Itrić Ivanda, Iva Šarčević  
THE IMPACT OF CARDBOARD COMPOSITION, INK AND VARNISH COATING ON THE STRUCTURAL INTEGRITY OF OFFSET PRINTING SUBSTRATES

Filip Macan, Katja Milković, Mile Matijević  
QUALITY OF REPRODUCTION IN EDGE PRINTING

Darija Ćutić, Mia Junković, Anel Ibrahimović  
CREATING POSTERS IN RISOPRINT STYLE

10:15 - 10:30 **Coffee break**

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10:15 - 11:30

### Advancement in Digital technologies and Animation

Silvio Plehati, Aleksandar Stojanović, Mia Čarapina, Tomislav Bogović

DEVELOPMENT OF A DOMAIN-SPECIFIC LANGUAGE FOR PARAMETRIC MODELING FOR 3D PRINTING

Neli Silan, Klementina Možina, Helena Gabrijelčić Tomc

INTEGRATION OF AUGMENTED REALITY IN AN ENVIRONMENTALLY THEMED EDUCATIONAL BROCHURE

Branimir Kolarek, Davor Davidović, Marko Maričević

EVALUATING DATASETS FOR 3D PHOTOGRAMMETRIC RECONSTRUCTION: A COMPARATIVE ANALYSIS OF ENERGY AND TIME CONSUMPTION

Tomislav Hudika, Maja Rudolf

LEGAL AND ETHICAL CHALLENGES OF AI APPLICATION IN HIGHER EDUCATION AND SCIENCE: IMPLICATIONS OF THE AI ACT

Fran Vranić, Ana Marković, Ivan Rajković, Dinka Radonić

PROCESSES OF DESIGN AND CHARACTERIZATION OF CHARACTERS IN ANIMATED WORLDS

11:30 - 12:00

### Coffee break

12:00 - 13:00

### Round table (in Croatian)

#### PARTNERSTVO IZMEĐU OBRAZOVNOG SEKTORA I INDUSTRIJE U PRIPREMI MLADIH STRUČNJAKA ZA IZAZOVE BUDUĆNOSTI

prof. dr. sc. Klaudio Pap, Sveučilište u Zagrebu Grafički fakultet

prof. dr. sc. Jana Žiljak Gršić, Tehničko veleučilište u Zagrebu

prof. dr. sc. Damir Vusić, Sveučilište Sjever

dr. sc. Mislav Papec, Škola za grafiku, dizajn i medijsku produkciju, Zagreb

Jagoda Divić, univ. spec. oec. - MBA, Hrvatska gospodarska komora

14:00 - 15:00

### Doctoral school: Research seminar

15:00

### CONFERENCE CLOSING